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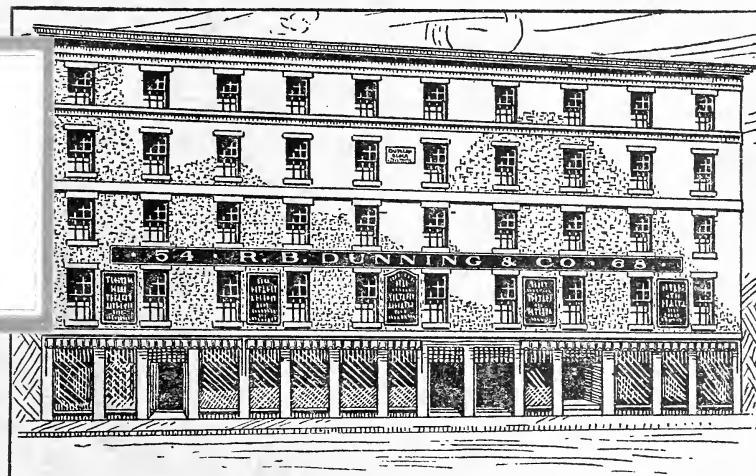
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1931 CATALOGUE

R. B. DUNNING & CO.

ESTABLISHED 1835

SEEDS



POULTRY AND DAIRY SUPPLIES

NOS. 54, 58, 62, 68 BROAD STREET

BANGOR, MAINE

Established
1835

Incorporated
1897

R. B. DUNNING & CO.

BANGOR, MAINE

Annual Catalogue

1931

The Oldest Seed and Implement House in Maine

We take pleasure in presenting to our patrons and friends our catalogue for 1931.

For *Ninety-six Years* we have been established and enjoyed the good will of our customers, which is demonstrated by our greatly increased and continually growing business.

Our present location is within ten feet of where the business was established in 1835 and has always been in the Dunning family.

We always feel that our customers are our friends and wish to take this opportunity to express to the fullest extent our appreciation of the patronage they have given us in the past and intend to continue to merit the same by exercising the utmost care and fidelity in the future as has been in the past in promoting the interests of our many customers.

We beg to solicit your future favors and your recommendations to your friends.

R. B. DUNNING & CO.

NOTICE.—We offer our seeds with the full assurance that they are true and reliable, quality being always our first consideration, but at the same time we wish it particularly understood that we do not warrant them, either expressed or implied, for the ultimate success of a crop is dependent on so many contingencies that we cannot hold ourselves liable or responsible for failure. If the purchaser does not accept the seeds on these conditions, they must be returned at once.

R. B. DUNNING & CO.

All Prices Quoted in this Catalogue are Subject to Change without Notice

BANGOR AGRICULTURAL WAREHOUSE AND SEED STORE

Established 1835

R. B. Dunning & Co.

Illustrative and Descriptive Catalogue of

1931

SEEDS

POULTRY AND DAIRY SUPPLIES



R. B. Dunning & Co.

Nos. 54, 58, 62, 64 and 68 Broad Street

Bangor, Maine

BUSINESS INSTRUCTIONS

In ordering goods please give your Name, Post Office and State in full, being particular to write *your Name, Post Office and Shipping Destination very distinctly.*

Remittances can be made by Post Office Money Orders, Bank Drafts, Express Orders or cash sent in Registered Letter.

Orders from unknown correspondents must be accompanied by a remittance or a satisfactory reference, Bangor references preferred on account of saving of time.

When ordering seeds in bulk by Parcel Post, postage must be added as per parcel post rates, see below. Seeds by packet and ounce will be mailed without extra charge.

In sending money for Postage on goods to be sent by Parcel Post, in case more money is sent than required, the balance will be returned either in stamps or our check owing to the amount to be returned.

In shipping we make no charge for delivery to railroads, steamers or express companies.

We guarantee safe delivery to the Railroads, Express Companies and Post Office. Our responsibility ceases on delivery of goods to the above carriers.

When ordering goods please state if you want them sent by Parcel Post, Express or Freight.

LIBERAL REDUCTION TO CLUBS

Liberal reductions will be made to persons selecting *packet seeds* from our Catalogue at the prices named, and will be forwarded, postage free, to any part of the United States.

Those remitting \$1.50 may select seeds in packets and ounces amounting to \$1.80

"	"	2.50	"	"	"	"	"	"	"	"	3.00
"	"	3.50	"	"	"	"	"	"	"	"	4.50
"	"	4.50	"	"	"	"	"	"	"	"	6.00
"	"	5.50	"	"	"	"	"	"	"	"	7.50

This reduction is for *SEEDS in PACKETS AND OUNCES ONLY.* Seeds when ordered in larger packages than the above, such as $\frac{1}{4}$ pounds, pounds, bulbs, plants or other goods shown in catalogue, will not be included.

General Information Concerning the Parcel Post

SEEDS, IMPLEMENTS, and MERCHANTISE come under FOURTH CLASS MATTER and all take the same rates of Postage when sent by PARCEL POST.

RATES OF POSTAGE FOR 4th CLASS MERCHANTISE

Zone Distances	Zones	First Pound	Each Additional Pound
Bangor and Rural Delivery,		\$.07	\$.01 up to 70 lbs.
Within 150 Miles,	1st & 2nd	.07	.01 up to 70 lbs.
150 to 300 Miles,	3rd	.08	.02 up to 70 lbs.
300 to 600 Miles,	4th	.09	.04 up to 50 lbs.
600 to 1000 Miles,	5th	.10	.06 up to 50 lbs.
1000 to 1400 Miles,	6th	.11	.08 up to 50 lbs.
1400 to 1800 Miles,	7th	.13	.10 up to 50 lbs.
*1800 Miles and over,	8th	.14	.12 up to 50 lbs.

* Includes non-contiguous possessions.

RESTRICTIONS

Size limit, 84 inches in length and girth combined. Eight ounces or less, $1\frac{1}{2}$ cents for each 2 ounces, over 8 ounces considered one pound. Fractional pounds considered pounds.

Weight limit up to and including third zone, 70 lbs., beyond that, 50 lbs.

Any goods of a *Poisonous* nature, such as *Paris Green, Arsenate of Lead, Hellebore, Bordeaux Mixture, Cooper Sheep Dip, Weed Killer*, etc., cannot be sent by Parcel Post.

SELECTED NORTHERN GROWN VEGETABLE SEEDS

ORDER EARLY:—Early buying is very much to the advantage of both the customer and the dealer. We would recommend sending in your order as soon as possible after receiving the catalogue, and thus avoid the rush of the planting season. Orders can be handled easier and much better than later. The customer gets his goods in much better condition, without delay, and consequently has them when they are needed.

Seeds sent by Mail, Express or Freight as the purchaser may wish. Seeds in packets and ounces mailed without extra charge for postage. When ordering by mail, add postage for beans, corn and peas at the rate of eight cents per pound to catalogue prices. For seeds in larger quantities to go by Parcel Post, see General Information on page 2.

ARTICHOKE—Jerusalem

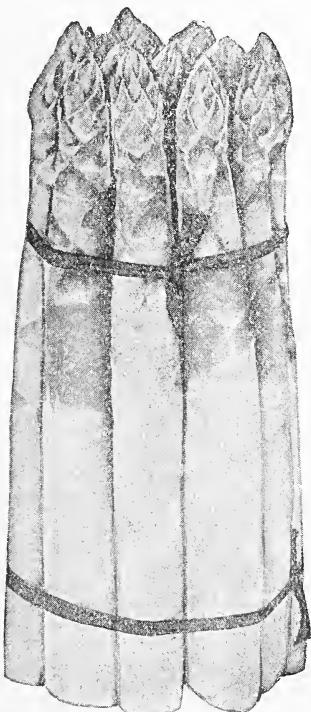
From four to five bushels will seed an acre; they should be cut the same as potatoes, one eye on a piece being sufficient, planted in May in rows three feet apart, and about eighteen inches in the rows, and covered about two inches deep.

They are the best hog food known, and are attracting much attention on account of their great fattening properties, and for milch cows, they excel any root grown for increasing the flow of milk, and make it much richer.

An acre will keep from 20 to 30 hogs during the fall and winter months.

They are well adapted to any soil where corn or potatoes can be grown.

Jerusalem Artichoke. Tubers, per qt., 25 cents; per pk., \$1.50; per bu., \$4.00.



Conover's Colossal
Asparagus

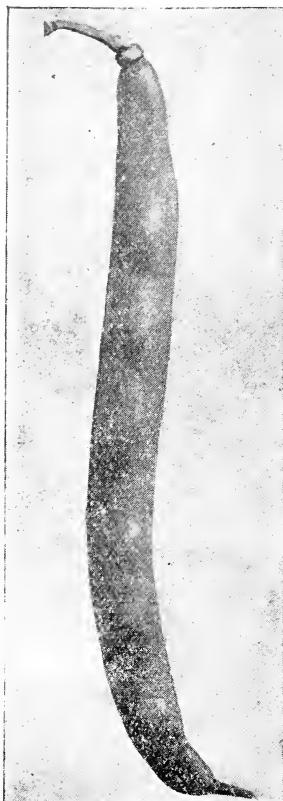
ASPARAGUS

One ounce of seed will sow sixty feet of drill.

The soil for the bed can hardly be made too rich, and the fertilizer should be well trenched-in to the depth of two feet or more. The roots should be planted as early in spring as the ground can be prepared, setting them a foot apart in rows three or four feet apart, with the crowns from four to six inches below the surface of the bed. Asparagus seed may be sown directly in the permanent bed and the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will produce about 300 plants. Fair crops may be expected the third year.

Conover's Colossal. Widely cultivated; very large, deep green; tender stalks of good flavor; the roots are vigorous and productive Pkt. Oz. $\frac{1}{4}$ lb. .10 .25 .75

For price on Asparagus Roots, see Vegetable Plants.



Burpee's Stringless Green Pod

GARDEN BEANS

Dwarf or Bush

Two pounds is sufficient for one hundred feet of drill; 90 pounds for one acre in drills.

A succession of sowings can be made from the first week in May until July. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted; the plants should be about three inches apart.

When ordering Beans sent by mail add postage as shown on page 2.

Green Podded Varieties

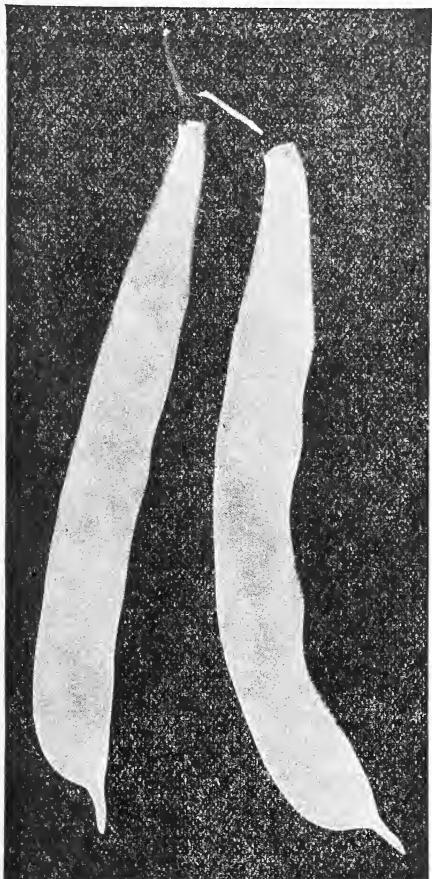
	1 lb.	2 lbs.	8 lbs.
Burpee's Stringless Pod Bush Bean. Dwarf green podded beans; stringless and remain tender and crisp long after maturity .....	.35	.60	2.00
Dwarf Horticultural. A fine, early shell bean .....	.35	.60	2.00
Improved Goddard or Boston Favorite. A fine shell bean, very similar to the Dwarf Horticultural but much larger .....	.35	.60	2.00
Bountiful. Excellent market garden variety. Pods are medium size, green and flat; a superior snap bean. Very prolific .....	.35	.60	2.00
Low's Champion. One of the best for either snap or shell beans. Very productive; large, green, flat pods .....	.35	.60	2.00
Giant Stringless Green-Pod. The pods are five to six inches in length; absolutely stringless, very crisp, round, full and fleshy. Very productive and maturing but a little later than the Burpee's Stringless .....	.35	.60	2.00
Long Yellow Six Weeks. Hardy and prolific, an excellent early string bean; pods green .....	.35	.60	2.00

Prices for Beans in larger quantities quoted on application.

FIELD BEANS—Dwarf

	1 lb.	2 lbs.	15 lbs.
Yellow Eye. Very prolific; fine for baking .....	.20	.35	2.50
Red Kidney. Excellent as a shell bean and for baking .....	.20	.35	2.50
White Kidney. Seed smaller than the red variety. Very prolific and exceptionally early. Fine for baking .....	.20	.35	2.50
Improved White Pea. Excellent for baking .....	.20	.35	2.50
Imperial Yellow Eye. Very similar in size and shape to the Old Fashioned Yellow Eye, and is very often mistaken for them. Pure white with the exception of having a small dot of yellow each side of the eye. Very prolific and of excellent quality for baking .....	.20	.35	2.50

Prices on Beans in larger quantities quoted on application.



Improved Golden Wax

Wax, or Yellow Podded Varieties

Currie's Rust Proof, or Black Wax Bush. Straight, yellow, stringless pod. Unsurpassed for quality	1 lb. 2 lbs. 8 lbs.
..... .35 .60 2.00	
Black Wax, Pencil Pod. Very early and productive, pods six to seven inches long, round, meaty, stringless, straight, bright yellow color and of best quality .....	.35 .60 2.00
Improved Golden Wax. An improvement on the old Golden Wax. Pod is somewhat round, meaty and entirely rust-proof .....	.35 .60 2.00
Davis Kidney Wax. This plant is a vigorous grower. The pods are long, straight, oval, of clear waxy white color .....	.35 .60 2.00
Wardwell's Kidney Wax. Early; vine medium, erect, hardy, productive. Pods long, broad, flat, brittle and of a delicate waxy yellow .....	.35 .60 2.00
Refugee Wax. Long, round, yellow wax pods, very productive, and not inclined to rust .....	.35 .60 2.00



BEANS—Pole or Running

Two pounds will plant 125 hills, 18 to 24 pounds to the acre.

These are more tender, and require rather more care in culture than the bush beans; they succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

Horticultural or Speckled Cranberry. The most popular variety for both string and shell beans

1 lb. 2 lbs. 8 lbs.

.35 .60 2.00

Lazy Wife. Pods are large, green, entirely stringless, and of excellent flavor. It is exceedingly productive and easily gathered. Excellent for shelling or baking

.35 .60 2.00

Red Cranberry. Small, round, green pods, almost stringless, very tender. One of the best for a string bean	1 lb. 2 lbs. 8 lbs.	.35 .60 2.00
Golden Cluster Wax. Pods a beautiful golden yellow, from six to eight inches long, produced in clusters of four to six. One of the earliest of the pole wax beans and very productive. Quality excellent .....	.35 .60 2.00	
Dutch Case-Knife. Very prolific, pods very long and flat, seven to eight inches long and three-quarters to one inch wide. Excellent quality, whether used green or dry .....	.35 .60 2.00	



Kentucky Wonder Beans

Kentucky Wonder or Old Homestead. A very prolific sort, producing its pods in large clusters. Pods green, very long, often reaching nine or ten inches, nearly round when young and very crisp, of fine flavor and most excellent for snap beans .....	.35 .60 2.00
Early Jersey Lima. Of large size. Very tender and of delicious flavor. Very early .....	.35 .60
Kentucky Wonder Wax. Similar to the green podded Kentucky Wonder. One of the very best wax pod pole beans .....	.35 .60 2.00
Scarlet Runner. Very ornamental, free climber with bright scarlet flowers	Pkt. 1 lb. .15 .40
White Dutch Runners. Large, white flowers; often planted with the scarlet variety; the effect is very beautiful .....	.15 .40

Prices for Beans in larger quantities quoted on application.

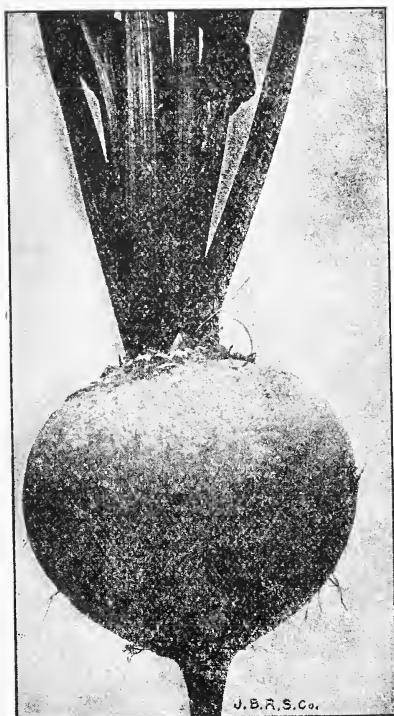
BEETS

One ounce to 50 feet of drill, six pounds to the acre.

The best results are obtained on a deep, rich, sandy loam. For early use sow as soon as the ground will admit, in drills fourteen inches apart, and thin to four inches. For the main crop sow the first week in May, and for winter use as late as June. The soil should be deeply manured and well cultivated. In lifting and storing the roots care must be taken that they are not bruised.

Perfection Early Blood Turnip Beet. This beet is the result of years of careful selection. It is very early with exceedingly small tops, roots globular and very smooth, flesh of a bright blood-red color, very crisp, tender and sweet. It is equally good for the market or home garden, as it is an excellent keeper as well as being very early

Pkt. Oz. $\frac{1}{4}$ lb. Lb.
.10 .25 .75 2.00



Detroit Dark Red Beet

Detroit Dark Red Beet. As early as Crosby's Egyptian, with flesh a very dark, intense red. Tops small, roots globular, or ovoid; very tender and sweet; good keeper. An early beet of the finest quality for either home or market use

.10 .20 .55 1.50

Dirigo Extra Early. It is a rich, blood-red beet of fine grain and flavor, is earlier than either the Egyptian or Eclipse

.10 .20 .50 1.25

Crosby's Egyptian. This variety resembles the Egyptian only in its extreme earliness. It grows much larger and lighter colored. It is one of the best sort for early planting as it reaches a usable size sooner than any other sort

.10 .20 .55 1.50

Crimson Globe. Skin smooth and regular. Flesh a deep purplish crimson

.10 .20 .60 1.50

Eclipse. This variety is about as early as the Egyptian, but of larger and finer quality

.10 .20 .50 1.25

Early Wonder Beet. New England variety, small tap root, semi-globular in shape, dark rich blood color, finely shaped and of decided earliness

.10 .20 .55 1.75

Dewings Blood Turnip. Of fine form and flavor; blood red, medium early and a good keeper; a desirable variety

.10 .20 .50 1.25

Edmand's Early Blood Turnip. The largest sort for general crop. In quality one of the finest, exceedingly dark, shape globular, having only one tap root. Very popular with marketmen

.10 .20 .50 1.25

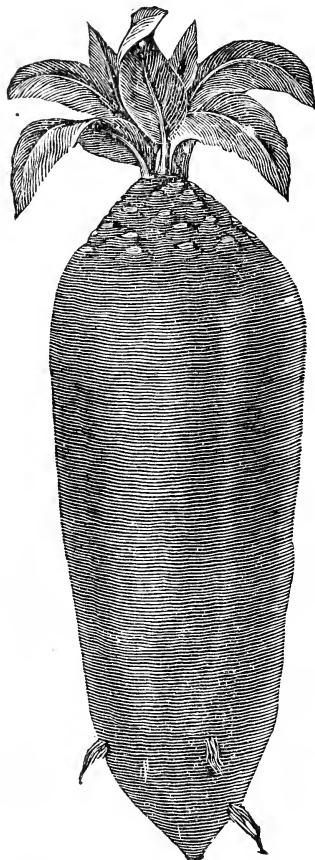
Swiss Chard. Grown for the leaves only. Sometimes called Sea Kale Beet. The leaves of Swiss Chard are used as greens, cooked in the same manner as spinach. The leaf stock is cooked and prepared like asparagus. Especially desirable for the home garden, lasting all thru the season

.10 .20 .50 1.50

SUGAR BEETS and MANGEL WURZELS

Varieties Grown for Feeding Stock (Sown in May or Early in June) Six Pounds Per Acre

	Oz.	1/4 lb.	Lb.
Golden Tankard. A half long variety of a bright yellow color .....	.15	.30	.75
Norbiton Giant Mangel Wurzel. Extra fine. Long Red, very large .....	.15	.30	.75
Improved Mammoth Long Red. Mangel Wurzel. A variety producing roots of mammoth size .....	.15	.30	.75
Lane's Improved Sugar. A well-known variety; valuable for feeding to cattle .....	.15	.30	.75



Mammoth Long Red Beet

Danish Sludstrup. This wonderful new Mangel is of Danish origin and has repeatedly been awarded a first-class certificate by the Danish government on account of the larger yield per acre and the greater feeding value, per ton, over other well-known standard varieties. It has a long, reddish-yellow root, growing well above the ground, and on that account is very easily harvested. Tried with six standard, well-known varieties of Mangels by us, we found that the Sludstrup gave a far greater yield. We think this is the best Mangel ever introduced

.15 .30 .80

Giant Yellow Eckendoff. A very popular Danish variety of Mangel of a square, chunky type. It is very valuable, not only for its high feeding value, but also for its phenomenal yields. We consider this one of the best varieties

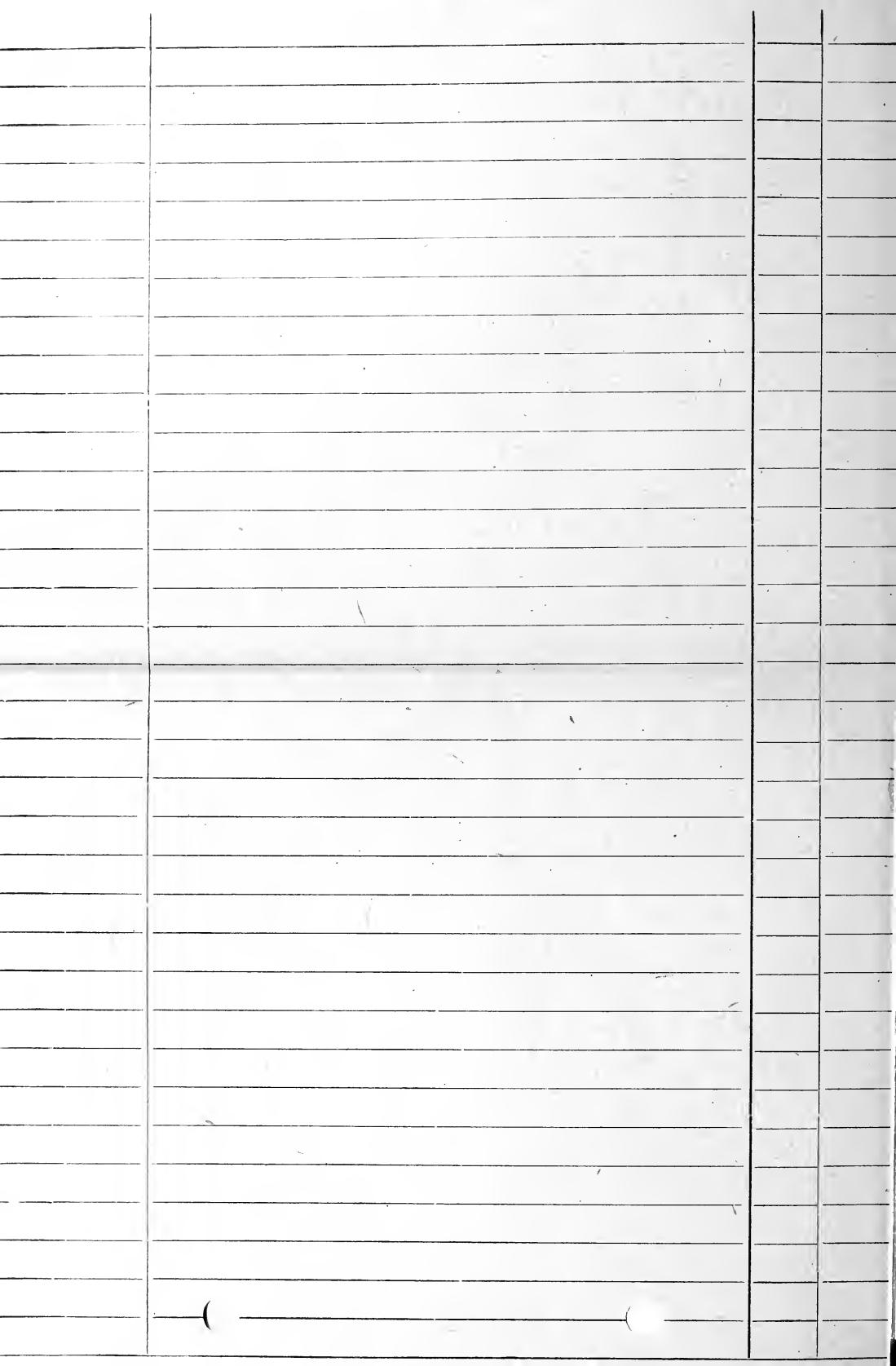
.15 .30 .75

Giant Feeding Sugar. A cross of the Mammoth Red Mangel and Improved Sugar Beet. Roots large, long and smooth, and of a beautiful light rose tint. Yields nearly as large a crop as the Mangels and supplies a food of very much higher nutritive value. The roots grow partly out of the ground and can be harvested very easily

.15 .30 .75

Giant Yellow Intermediate. This variety grows more than half above the ground, and is a russet, yellow color. Produces enormous crops and a good keeper

.15 .30 .75





"A Real Pedigreed Fodder Beet"
"ORIGINAL KIRSCHÉ'S IDEAL"
MANGEL WURZEL

This beet has been bred up with a view to maintaining a large tonnage per acre and increasing the percentage of sugar and digestible dry matter. Nearly forty years of systematic breeding has produced a beet that carries fifty per cent more sugar and dry matter than ordinary mangels and at the same time a full content of protein. A ton of "Kirsche's Ideal" is equal to a ton and a half of ordinary mangels. It is a heavy cropper, easy to harvest, excellent keeper. In form it is cylindrical, growing high out of the ground, with a single tap root from a flattened base which makes clean and easy harvesting. The beet has a yellow skin, with white, crisp interior tissue, a most pleasant flavor and very sweet.

The best beet for dairy cattle
 and for all kinds of live stock Oz. $\frac{1}{4}$ lb. Lb.
 and for winter poultry feed15 .40 1.25

Klein Wauzeleben. This is the variety of Sugar Beet that is grown on a larger scale for sugar factories than any other. Roots wedge shape, tapering to point. Does not grow as large as some other varieties but con-

tails the largest percentage of saccharine matter. Valuable for feeding stock as well as for producing sugar15 .35 1.00

BRUSSELS SPROUTS

One ounce will produce 2000 plants.

Cultivated for the small heads that grow from the main stem; these small heads are firm and compact like little cabbages, and are considered a great delicacy by many people. Cultivate the same as cabbage or cauliflower.

Half Dwarf Paris Market. A most excellent variety and sure cropper. Tender Pkt. Oz. and of fine flavor10 .50

CABBAGE

One ounce will produce about 3000 plants; four or five ounces per acre.

The Cabbage is one of the most important vegetables, and some of its varieties universally cultivated. The ground must be highly manured, deeply dug or plowed, and thoroughly worked, to insure good, full-sized heads; a heavy, moist and fresh loam is the most suitable. The early sorts should be sown very early in the spring, in hotbeds, or later in the open ground. Eighteen inches by three feet apart is the common distance.

Early Jersey Wakefield. This is the standard early pointed head cabbage. For the market garden it is the best, and for early home use Pkt. Oz. Lb. all should have it10 .35 1.25

Early Winningstadt. An excellent sort, heads of large size10 .35 1.25



Copenhagen Market Cabbage

Copenhagen Market. One of the best large early cabbages in cultivation. The heads are round in form, are very solid with small core and of excellent quality Pkt. Oz. $\frac{1}{4}$ lb. .10 .40 1.50

Golden Acre. This remarkable Cabbage has already proved itself to be a most profitable extra early for the market. It is two weeks ahead of any other round-headed sort. Being of small, compact habit, it allows of close planting, yet the heads are so uniformly large as to be in great demand Pkt. Oz. $\frac{1}{4}$ lb. .10 .60 2.00

Fottler's Improved Brunswick. An excellent medium early drumhead variety10 .35 1.25

Glory of Eukhiezen. An excellent, medium early, short-stemmed foreign variety; heads round with very few outer leaves. For so early a variety the heads are extra large and very solid, also a good keeper. One of the most uniform and desirable varieties Pkt. Oz. $\frac{1}{4}$ lb. .10 .40 1.50

Early Spring. The only Extra Early Round Flat-headed Cabbage in the world. Coming in with the Wakefield and yielding one-third more than any other Extra Early10 .35 1.25



All Seasons' Cabbage

Danish Ball Head. Cape Elizabeth, Maine, grown. A valuable, round, solid, winter variety. It is of excellent quality and a long keeper Pkt. Oz. $\frac{1}{4}$ lb. .10 .65 2.25

Sure Head. Produces large, round, flattened heads of the Flat Dutch type, and is remarkable for its certainty to head Pkt. Oz. $\frac{1}{4}$ lb. .10 .35 1.25

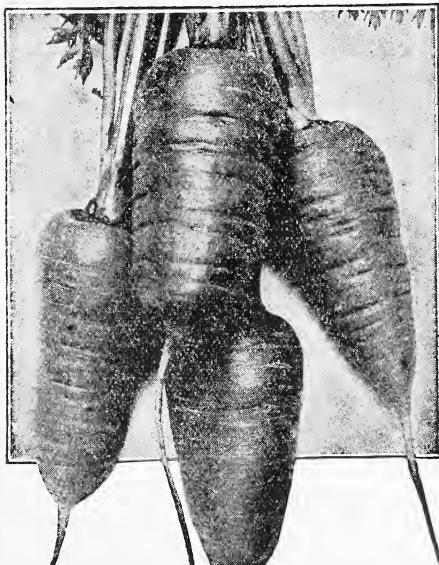
Autumn King. Entirely distinct, one of the best keepers, enormous sized head, of that dark shade of green which is most desirable in a cabbage .10 .40 1.50

Mammoth Rock Red. This is the best, largest and surest heading red cabbage ever introduced. The head is large, round, very solid and of deep red color	Pkt.	Oz.	$\frac{1}{4}$ lb.	
	.10	.35	1.25	
Stone-Mason Drumhead. One of the very best for a main crop .....	.10	.35	1.25	
All Seasons' Cabbage. Early, solid, and sure headed .....	.10	.35	1.25	
Danish Ball Head. An extremely hardy, imported cabbage which is growing in popularity in America, having proven itself one of the very best winter sorts. It is a very sure header, very solid and heavy, an extra good keeper and seller. It is medium to late, but is generally grown as a late crop .....	.10	.40	1.50	
Danish Round Head. One of the best varieties of cabbage ever imported. Very similar to the Danish Ball Head, but of larger growth and embodies all its good qualities .....	.10	.40	1.50	

CARROTS

One ounce to 100 feet of drill; three to four pounds to the acre.

Carrots require a finely pulverized soil to grow them to perfection. A good, light, and well enriched sandy loam is the best for this crop. For field culture, sow in drills three to three and one-half feet apart so as to cultivate by horse. Market gardeners sow in drills about eighteen inches apart, and cultivate by hand. For early crops cover one-half inch deep, and thin to six inches apart, in the rows; for late, cover three-fourths of an inch deep, and thin to four inches.



Danvers Half Long Carrot

Early French Forcing.

The earliest variety in cultivation, and the best suited for forcing and early market gardening

Pkt. Oz. $\frac{1}{4}$ lb. Lb.

.10 .25 .75 2.25

Danvers Half Long. In form it is midway between the Long Orange and Ox Heart. The root is of a dark orange color and grows very smooth. Very productive

.10 .20 .50 1.50

Long Orange. Large roots, heavy cropper and excellent keeper

.10 .20 .50 1.50

New Ox Heart. A very early and heavy yielder. Thick and short in form, scarlet in color

.10 .20 .50 1.50

Long White Belgian. Large, long rooted variety; valuable for feeding stock

.10 .20 .50 1.50

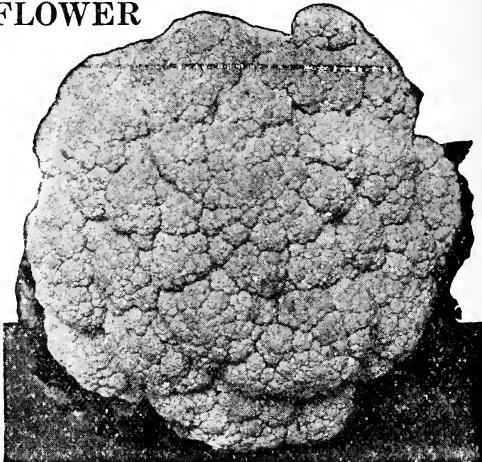
CAULIFLOWER

One ounce will produce about 3000 plants.

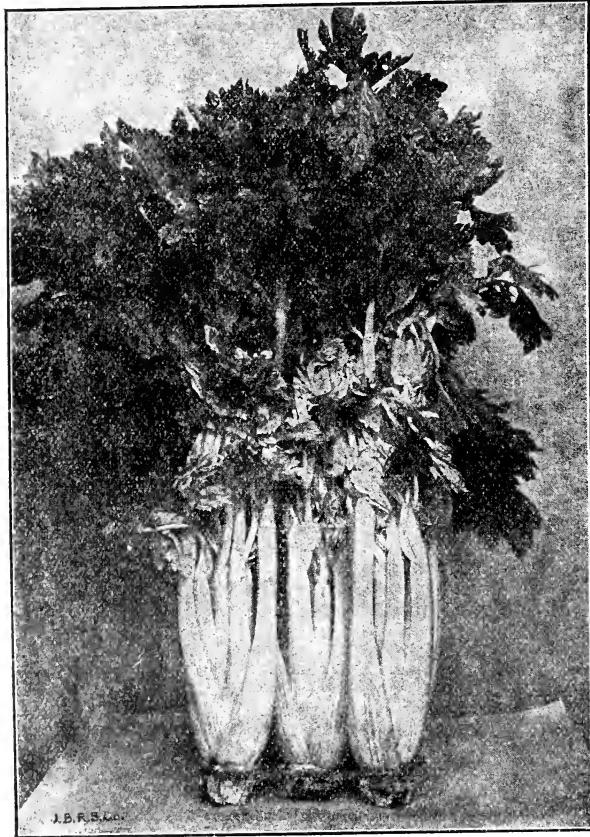
Any soil that will grow early Cabbage will grow Cauliflower, as their requirements are almost similar; but as the product is more valuable, extra manuring and preparation of the soil will be well paid. The seeds may be sown in the hotbed in March or April, and transplanted to open ground about the first of May.

Henderson's Early Snowball. Pkt. Oz.
A very reliable early variety .15 2.50

Early Favorite. One of the best early varieties, very hardy, easily grown, and will head under conditions in which many sorts will fail. Heads large, solid, crisp and tender10 1.50



Early Favorite Cauliflower



J.B.R.S.A.C.

Golden Self-Bleaching Celery

CELERY

One ounce of seed produces about 4000 plants.

To have celery early it should be sown in a hotbed quite early in the spring, and when three inches high plant out in a well-prepared bed, which must be covered in frosty weather. For the principal crop, sow early in the spring, very shallow in the seedbed, and when the plants are about six inches high transplant them about six inches apart into trenches, for blanching. Dig the trenches four feet apart, a foot wide and ten inches deep. Fill in five or six inches of well-rotted manure and mix thoroughly, half a spade deep, with the earth at the bottom. The tops of the plants should be shortened before they are set. Earth up to blanch, three or four times during their growth, taking care that no earth falls in the center of the plants.

Boston Market. A favorite variety, remarkable for its tender, crisp, succulent stems, keeps Pkt. Oz.
well10 .50

Henderson's White Plume. Crisp, solid and possessing a sweet, nutty flavor; requires very little labor in bleaching

.10 .60

Paris Golden Self-Bleaching. A self-bleaching early golden colored variety that is very popular

.10 .75

Oz. $\frac{1}{4}$ lb.

Soup Celery. (Not for planting.) Used for flavoring soups, salads, pickles, etc.

.10 .30

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CHERVIL

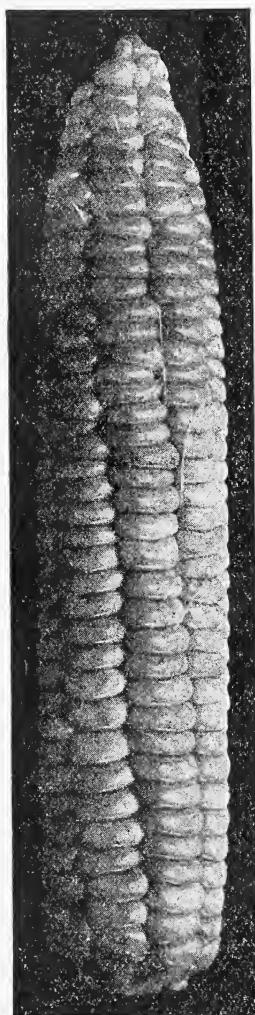
Curled. A crisp curled variety. This is an aromatic sweet herb that resembles parsley. Used for flavoring soups and salads Pkt. Oz. .10 .40

CORN—Sweet

One pound to 125 hills, 18 pounds to an acre.

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before the middle of May and for a succession continue planting every two weeks, until July, in rich, well-manured ground, in hills three feet apart each way, covering about half an inch and thin out to three plants to a hill, or plant in rows four feet apart, and to stand eight inches apart in rows. The field varieties should be planted four feet apart each way, leaving three plants to a hill.

When ordering Corn sent by mail add postage as shown on page 2.



Golden Bantam Sweet Corn

Aroostook Early. This is a very early variety of sweet corn that originated in Aroostook County, Maine, after many years of careful growth and selection. It is the only sweet corn known that will mature in that section, owing to the short growing season. Stalks from $3\frac{1}{2}$ to $4\frac{1}{2}$ feet high, owing to the condition of the soil, with small white ears from five to six inches long, is of excellent quality	Pkt. 1lb. 2lbs. 12 $\frac{1}{2}$ lbs.	.10 .40 .75 3.75
Golden Bantam Sweet Corn. This corn has a medium-sized ear of a bright golden color. It is extremely sweet, of delicious flavor and unusually tender. Stalks grow about five feet, are very vigorous, bearing two to three well-filled ears. It matures earlier than Early Crosby .....	.10 .35 .65 3.50	
Golden Sunshine. The earliest of the yellow sweet corn varieties, maturing about 10 days prior to Golden Bantam. Stalks four to five feet high with ears six inches long .....	.10 .40 .75 3.75	
White Cory. A very early dwarf variety, an excellent sort, sweet and good flavor	.10 .30 .50 2.50	
Early Crosby. Not so early as the Cory or Aroostook Early, of very rich, sugary flavor .....	.10 .30 .50 2.50	
Early Evergreen. This is a late variety of sweet corn that will mature in this climate. It is very large and deep kernelled, with a sweet sugary flavor .....	.10 .30 .50 2.50	
Bantam Evergreen. A cross between Golden Bantam and Stowell's Early Evergreen Sweet Corn. It is a late variety, ears large and of a rich golden yellow color .....	.10 .30 .50 2.50	
Black Mexican. Grain bluish black, but is especially rich in sugar qualities .....	.10 .30 .50 2.50	
Jewel Bantam Sweet Corn. This corn is very similar to the Golden Bantam, of which it is a selection, and is identical in flavor and sweetness. The ears are larger and the stalks more vigorous. It matures about the same time as the Golden Bantam .....	.10 .35 .65 3.50	

All prices quoted in this catalogue subject to change without notice.

CORN—Field and Ensilage

FIELD OR FLINT CORN, if ordered sent by Parcel Post extra money should be remitted to pay postage. See General Information concerning Parcel Post on page 2.



Early Yellow Canada Corn

Extra Early Yellow Canada. This is a very early eight-rowed variety, which we have secured after years of careful selection. Produces large, long, well-filled, golden ears; very prolific

1lb. 14lbs.
.20 1.75

Sweepstakes Seed Corn

See page 15

Red Cob Ensilage. A pure white corn. It is sweet, tender and juicy, has short joints, grows to a great height with an abundance of leaves

Write for prices

Evergreen Sweet Fodder. For cutting green and feeding to stock this variety excels all others in tenderness, sweetness and nutriment

Write for prices

Early White Sanford. A white flint variety, very valuable for ensilage and fodder, the stalks being very large and numerous. Particularly adapted to this climate as it ears well and, if planted early, will come to maturity

Write for prices

Improved Leamington. An early, yellow dent variety. Very productive. One of the best for ensilage or green fodder

Write for prices

SWEEEPSTAKES PEDIGREE SEED CORN

SWEEEPSTAKES PEDIGREE SEED CORN was first sold in New England in 1917 at Portland, Maine, and from such a start it is today considered the VERIBEST SEED CORN FOR SILO PURPOSES and this honor extends from the Atlantic to the Pacific, and in our northern tier of states and southern Canada, THERE IS NO OTHER ITS EQUAL TO PRODUCE GROWTH, WEIGHT, AND MATURITY.



We hold Certificate of Agency for the sale and distribution of this wonderful brand of seed corn, and when the farmer grows SWEEEPSTAKES he has the facts when he feeds it.

This cut represents Mr. Hubbard of Cortland, N. Y., standing by six stalks from seed he sold, and at eighty-five years of age, BELIEVES THIS IS THE ONLY SEED CORN ANY FARMER SHOULD PLANT FOR THE SILO.

There is only one brand of SWEEEPSTAKES PEDIGREE SEED CORN, which is grown and put up under the most careful inspection and supervision at all times.

The International Consolidated Record Assn., Inc., of Elmira, N. Y., grow and ship the seed we sell, and we shall be pleased to have every one of our customers and friends plant SWEEEPSTAKES PEDIGREE SEED CORN.

It has QUALITY and is DEPENDABLE. One peck of seed per acre produces best crop.

PRICES

15 cts. per pound; \$1.50 per peck, 14 lbs.; \$5.00 per bushel,
56 pounds; bags extra

If sent by Parcel Post, include extra for postage



CRO-CUS

Corn crop insurance against crows. Repels crows, keeps seed from rotting. Labor, time and seed saved. No replanting. One can treats eight pecks of corn.

Pint Can, \$1.00 postpaid

All prices quoted in this catalogue subject to change without notice.

CRESS OR PEPPER GRASS

One ounce will sow 100 feet of drill.

A well-known salad. Requires to be sown thickly and covered very slightly. Sow at frequent intervals to keep up a succession, as it soon runs to seed.

Pkt. Oz.
Double Curled. Very fine; may be cut two or three times 10 .25

CUCUMBER

One ounce to fifty hills.

The Cucumber is a tender annual, and therefore should not be planted or set out in the open air until there is a prospect of continued warm and pleasant weather. Cucumbers succeed in warm, moist, rich, loamy ground. The hills should be four or five feet apart in each direction.

When all danger from insects is past, leave but three or four of the strongest plants in the hill.



Japanese Climbing. A distinct and valuable variety, quickly climbing poles or trellis. It produces very long, round, crisp fruit of fine flavor and is very prolific	Pkt. Oz. $\frac{1}{4}$ lb. Lb.
Nichols' Medium Green. This is a very fine table variety, and also good for early forcing. Color dark green; flesh very crisp; very prolific and always straight, smooth and handsome. It also makes a very desirable sort for pickles .....	.10 .20 .50 1.50
Giant Pera. A very large variety of exceptional quality with smooth, thin, light green skin. They are crisp, brittle, and of extremely mild flavor .....	.10 .20 .60 2.00
Early Russian. The earliest variety .....	.10 .20 .50 1.50
Improved White Spine. Superior for table use, very productive, medium-sized, straight and well formed .....	.10 .20 .50 1.50
Early Frame. An early standard variety about five inches long .....	.10 .20 .50 1.50
Early Fortune. The finest type of White Spine yet produced. Early, very productive and disease-resistant, fruit long and slightly tapering; flesh white, very firm and crisp, with very few seeds .....	.10 .20 .60 2.00
Early Green Cluster. Grows in clusters, early and productive .....	.10 .20 .50 1.50
Improved Long Green. Long and crisp; a popular and reliable variety for pickles .....	.10 .20 .60 1.75
Boston Pickling. The finest variety to grow for pickles .....	.10 .20 .50 1.50
Davis Perfect. New variety, considered to be one of the very best cucumbers ever introduced; heavy cropper, rich dark green color, medium long and slim, few seeds, tender, crisp and of fine flavor, vigorous and blight resisting .....	.10 .20 .60 1.75

Long Green Cucumber

All prices quoted in this catalogue subject to change without notice.

DANDELION



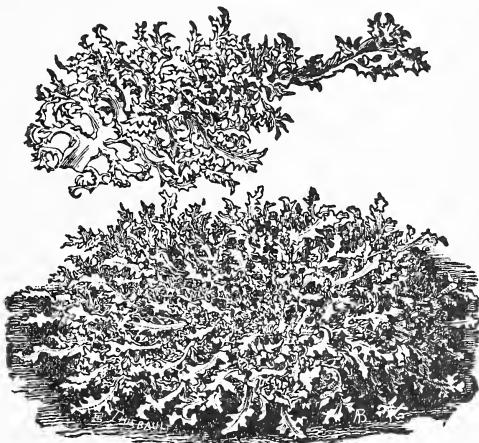
Improved Thick-Leaved Dandelion

One ounce to 100 feet of drill.

The Dandelion resembles Endive and affords one of the earliest, as well as one of the most healthful, of spring greens. Sow as early as the weather will permit, in good, well enriched soil, in rows twelve inches apart, covering seed one-fourth of an inch deep, the earth firmly pressed over the seed.

Pkt. Oz. $\frac{1}{4}$ lb.

Improved Thick-Leaved. Best variety10	.80	3.00
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Green Curled Endive

ENDIVE

One ounce to 150 feet of drill.

May be grown at any season, but is more generally used late in the fall. Sow during May or June, in drills fourteen inches apart, and when well established, thin to one foot apart. When nearly full grown, tie the outer leaves together over the center in order to blanch the heart of the plant.

Green Curled. This is the hardiest variety, and very desirable for the home and market garden. The deep green leaves are beautifully cut and curled, Pkt. Oz. easily blanched, and become very crisp, tender and fine flavored

.10 .25

Broad Leaved Batavian. A variety having broad, more or less twisted and waved bright deep green leaves with thick, nearly white midribs. This sort is unsurpassed for salads and is much used for the home garden and market .10 .25

LEEK

One ounce of seed will sow 100 feet of drill.

Belongs to the onion family and by some preferred to that vegetable. Sow the seeds and care for the young plants same as for onions, but they need a little more room in order to develop fully. When the young plants are about the size of a goose-quill, transplant to a prepared bed in rows one foot apart and four or five inches in the row. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use.

London Flag. It is the variety more cultivated in this country than any other. It is hardy and of good quality Pkt. Oz. $\frac{1}{4}$ lb. .10 .30 .90

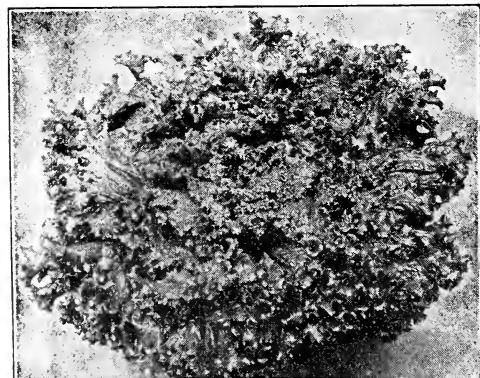
LETTUCE

One ounce to 120 feet of drill.

Lettuce thrives best in rich, moist ground. Sow the seed in hotbeds in February or March, and transplant into a sheltered border with a southern exposure. For successive crops, sowings may be made in the open ground as early as the spring opens, and continuing until July.

Lettuce should always be transplanted in order to make it head well.

New York or Wonderful. This is one of the best summer lettuces. It resists the hot weather, is very slow to run to seed, and is a sure header under the most trying conditions. The outer leaves are of a green color, the inner ones blanch to creamy-white; crisp, tender, delicious and sweet. The heads often measure fifteen inches Pkt. Oz. $\frac{1}{4}$ lb. .10 .30 1.00



Grand Rapids Lettuce

Early Tennisball. Black seeded. A very popular sort for open ground culture; forms a handsome head and is crisp and tender 10 .25 .65

Boston Curled. A variety of great beauty and of superior quality. Leaves beautifully curled; attractive on table 10 .25 .65

Grand Rapids. Large and tender. Leaves are crumpled and do not make a solid head. Excellent for forcing 10 .30 .75

Improved Hanson. Forms very large, firm heads, which are deliciously sweet, crisp and tender; heads green outside and white within. For outdoor culture unexcelled 10 .25 .65

Iceberg. A large, late, crisp cabbage-heading variety; heads very firm, hard and well blanched 10 .35 1.00

Early Prize
Head. Forms a large, tender and crisp mass of leaves of superior flavor and very hardy

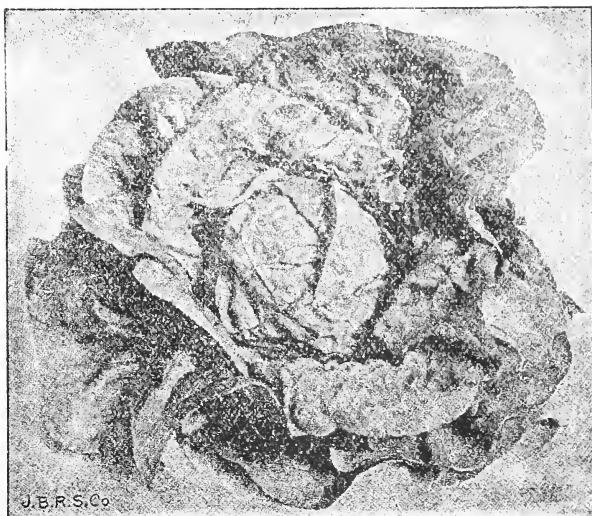
Pkt. Oz. $\frac{1}{4}$ lb.
.10 .25 .65

Big Boston. This is a new, very large strain of White Tennisball or Boston Lettuce, excelling all other strains in size; of great value to market gardeners10 .25 .65

White Paris
Cos. (Romaine.) Long, narrow, upright leaves.

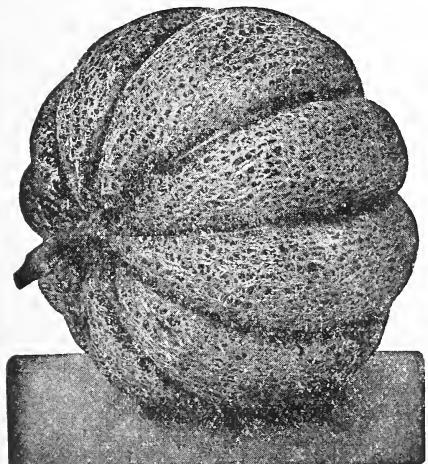
Grows to large size. Does not head, but when tied up blanches very readily Pkt. Oz. $\frac{1}{4}$ lb.
.10 .30 .75

Black Seeded Simpson. Heads very large with light colored leaves, leaves being almost white and beautifully curled10 .25 .65



Big Boston Lettuce

MELON—Musk



Muskmelon
Extra Early Hackensack

One ounce for 60 hills; two to three pounds to an acre.

Melons thrive best in a moderately enriched light soil; the hills should be six feet apart each way. After all danger of frost is past, plant 12 or 15 seeds in each hill, and when well up, thin out to three or four plants in each hill.

Nutmeg. Named from its shape; flesh green and sweet Pkt. Oz. $\frac{1}{4}$ lb.
.10 .20 .60

Large, Round, Yellow Canta-
loope. Flesh reddish orange, sweet and of good flavor; an early and productive variety10 .25 .70

Miller's Cream. This is one of the finest all-round melons in existence. Flesh of a rich salmon color, very sweet and melting in quality10 .20 .60

Extra Early Hackensack. A green-fleshed nutmeg of splendid quality. It is very early and a prolific bearer10 .20 .60

MELON—Water

One ounce for thirty hills; four to five pounds for an acre.

Plant in hills eight feet apart, and cultivate same as Muskmelon.

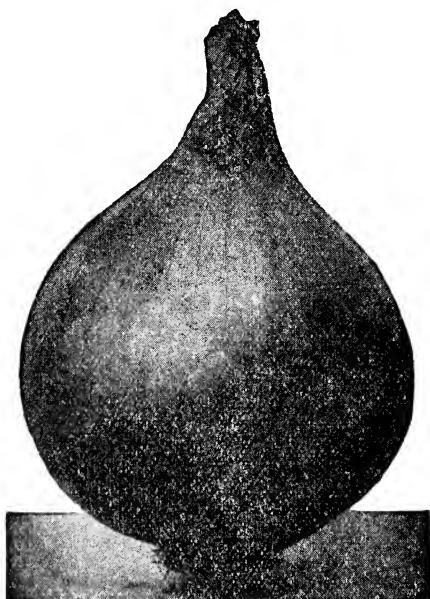
	Pkt.	Oz.	$\frac{1}{4}$ lb.
Vick's Early. Productive, early and finely flavored; red flesh .....	.10	.20	.60
Mountain Sweet. One of the best for general culture .....	.10	.20	.60
Citron. The standard variety for preserves .....	.10	.20	.60

MUSTARD

One ounce to 100 feet of drill.

Sow thickly in rows at different times from May to July, and cut when about two inches high. Used as a salad or cut and boiled for greens. The seed is used for flavoring pickles, etc.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
White London. The leaves are light green, mild and tender when young; seed light yellow .....	.10	.20	.60
Mustard Seed for pickling	—	.10	.20



Yellow Globe Danvers

ONION

One ounce to 100 feet of drill; five pounds to an acre.

No vegetable is more extensively known and cultivated than the Onion. A good crop is impossible unless the soil is very rich and kept clean. Use well-rotted manure freely, and get the crop in as early as possible in spring, no matter if the weather is cold and unpleasant. Sow in drills one foot apart and cover about one-third of an inch, treading or rolling, after sowing, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Large Red Wethersfield. Large size, productive and good keeper .....	.10	.40	1.25
Extra Early Red Globe. A very early variety of medium size and deep red color; an abundant producer and of good form and flavor, keeping well .....	.10	.40	1.25

Yellow Globe Danvers. The most profitable variety to raise, very productive, a good keeper, of mild flavor, and always meets with ready sale	.10	.40	1.25
American Silver Skin. Flavor mild and pleasant. Skin silver white. Handsome in appearance .....	.10	.50	1.50

Prize Taker. This is one of the best of the huge foreign varieties. The variety is without doubt the largest onion grown, samples under special culture sometimes weighing five pounds10	.40	1.25
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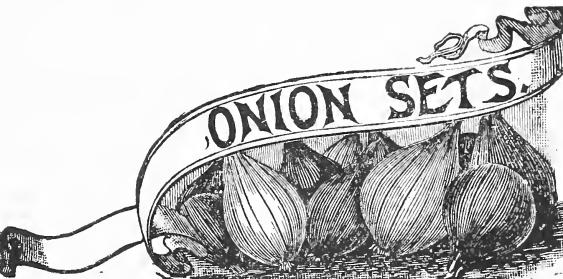
Yellow Globe Danvers (Extra Choice). Maine Grown Seed. Is far superior to the western grown seed, it is much earlier and better adapted to our climate. Is sure to produce a good crop. The most profitable variety for the market gardener10	.50	1.50
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Onion Sets should be planted near the surface as early in the spring as the ground will permit, in drills about twelve inches apart and four inches in the rows. They produce a very early and profitable crop.

Onion Sets by mail add postage as shown on page 2.

	Per lb.	Per 8 lbs.
White Sets .....	.35	2.00
Potato Onion Sets	.35	2.00
Yellow Sets .....	.30	1.75
Japanese Sets .....	.35	2.00

For larger quantities prices will be given on application.



PARSLEY

One ounce to 150 feet of drill.

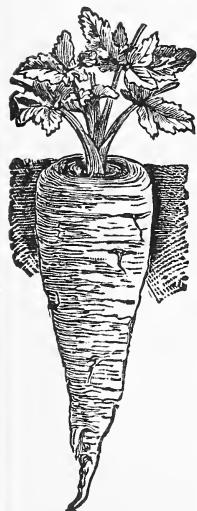
Parsley requires rich, mellow soil, sow thickly in drills, one foot apart, and half an inch deep. As the seed germinates slowly, it is best to soak it for a few hours in tepid water before sowing. For winter use, protect it in a glass frame or light cellar. Pkt. Oz. $\frac{1}{4}$ lb. Double Curled

.10 .25 .65

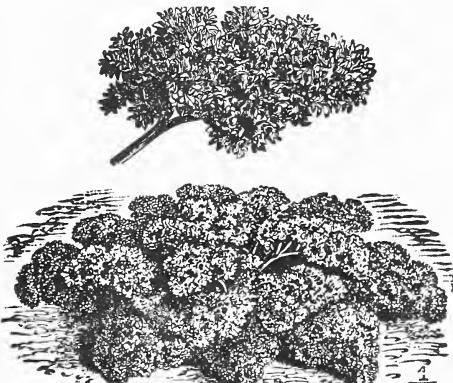
PARSNIP

One ounce for 250 ft. of drill; five lbs. to acre.

Sow as early in the spring as the weather will admit, in drills 15 inches apart, covering half an inch deep; when well up thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.



Abbott's Improved Parsnip



Double Curled Parsley

PARSNIP

	Pkt.	Oz.	1/4 lb.	Lb.
Abbott's Improved, or Long Smooth. Smooth and quite large; one of the best .....	.10	.20	.50	1.50

Improved Hollow Crown. Roots medium length with small tap root.

Very smooth, with clear white skin. Fine grain flesh, of excellent sugary flavor and heavy cropper10	.20	.50	1.50
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PEAS

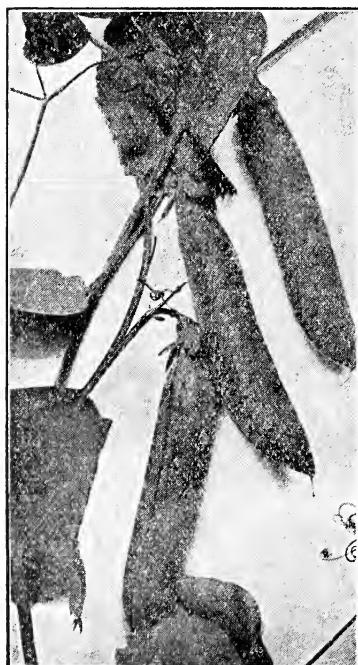
Two pounds to 80 feet of drill; 100 pounds to the acre.

Peas for an early crop should be sown as soon as the ground is in working condition. The soil for their reception should be light, dry, and well sheltered. Mild manure, such as leaf mould, has a beneficial effect; but for many of the varieties, the soil cannot be too rich. For general crop the ground should be well manured the previous year, which causes them to yield more abundantly. When grown as a market crop, peas are never staked, and are sown in single rows two or three inches deep, and from two to three feet apart, according to the variety or strength of the soil. When grown in small quantities for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties staked up by brush.

When ordering Peas sent by mail add to catalogue price for postage. See Parcel Post instructions, page 2.

EXTRA EARLY VARIETIES

Early Bird. A new variety, seed crinkled or semi-round, 57 days from planting to table. Grows about 15 inches high; large, dark, well-filled pods	1lb.	2lbs.	14lbs.
	.35	.60	3.50



Laxtonian Peas

Laxtonian. (New.) One of the best dwarf wrinkled peas ever introduced. Equally desirable for the home or market garden. Pods about four inches long, resembling those of Gradus, but a little earlier. Vines very productive and vigorous; average height about 18 inches35	.60	3.50
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Sutton's Excelsior. A dwarf, early wrinkled variety, height about fifteen inches; pods large and well filled; a very heavy yielder and of delicious flavor35	.60	3.50
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Gradus or Prosperity. A new, very large, extra early variety of wrinkled pea. The most desirable sort for home and early market garden, large-podded and of splendid quality. The vines grow about three feet high. The immense pods are as large as those of the Telephone	.35	.60	3.50
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Peter Pan. One of the best of the early large podded, dwarf variety, 15 inches high. Very productive	.35	.60	3.50
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Thomas Laxton. A new, early wrinkled variety of great merit. Vine three to three and one-half feet high, similar to that of Gradus, but darker in color, harder and more productive. Pods large and long, similar to, but larger than those of the Champion of England, and as uniformly well filled. The green peas are very large, fine colored and unsurpassed in quality	.35	.60	3.50
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World's Record. (New.) A popular large-podded, extra early wrinkled pea which matures a little earlier than the well-known Gradus; pods uniformly large, measuring from four and one-half to five inches 1lb. 2lbs. 14lbs. .35 .60 3.50

Early Morn. (New.) This pea is a new variety, very similar in growth to Gradus, but a trifle earlier than either Gradus or Thomas Laxton. Very large pods of fine appearance and a good cropper. Excellent market garden variety for early use. Peas large and of excellent quality. It grows about three feet high and is very prolific35 .60 3.50

Nott's Excelsior. One of the most valuable of all the wrinkled, dwarf peas. As early as the American Wonder, while the pods are larger, fully as well filled, and there are more of them. It grows a half taller than the American Wonder, and is a much heavier cropper35 .60 3.50

SECOND EARLY VARIETIES

Dwarf Telephone. A new variety with dwarf vines, bearing large, handsome pods, with peas of highest quality, without the long vines of the Telephone, and regular and uniform in growth. Height eighteen inches, stocky, healthy and vigorous. Pods long, remarkably well filled, and of good lasting quality for market purposes. Peas of large size, tender and of delicious flavor35 .60 3.50

FOR GENERAL CROP

Improved Telephone. A great improvement on the Carter's Telephone, both for purity and uniformity, showing no tendency to small, late pods. It grows to a height of about four feet with a strong, healthy vine, bearing extremely large dark green pods, which contain large peas of the very finest quality. For fancy market garden trade, it has no equal, as it is not only very attractive in appearance, but of the finest quality 1lb. 2lbs. 14lbs. .35 .60 3.50

Admiral Dewey. A new variety, and is, without exception, the largest podded and best yielding pea yet introduced. The foliage, vine and pod are of a dark, rich green, and are remarkably vigorous and healthy; height about three and one-half feet35 .60 3.50



Nitragin—the original soil inoculator. For profitable results, agricultural colleges advise inoculation of all legume seed, because it pays well in producing larger quality yields. Fresh high count Nitragin containing billions of Nitragin gathering germs build up the soil, costs less than others—is cheapest crop insurance.

For Peas and Beans

$\frac{1}{4}$ bu. size	.40	1 bu. size	1.00
$\frac{1}{2}$ bu. size	.60	Garden size	.25

Postpaid

All prices quoted in this catalogue subject to change without notice.

Alderman. One of the most satisfactory varieties for main crop. Pods long and well filled with large, deep green peas of fine quality 1lb. 2lbs. 14lbs. .35 .60 3.50

Duke of Albany, or American Champion. One of the best large-podded late varieties. Very prolific. The vines are strong and vigorous, growing to the height of four feet35 .60 3.50

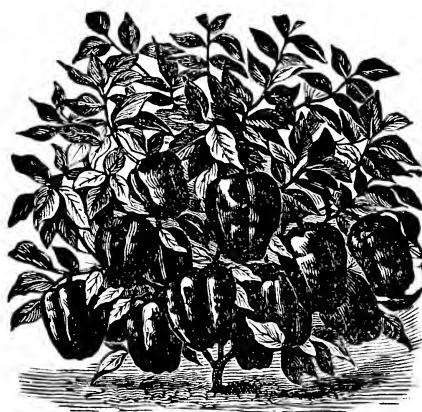
Champion of England. Universally admitted to be one of the richest and best flavored peas grown; grows five feet high35 .60 3.50

EDIBLE PODDED VARIETIES

Mammoth Melting Sugar. (Edible Pods.) Pods very large, broad and slightly curved, or twisted. Very sweet, brittle and tender, having none of the tough inner lining found in the ordinary varieties of garden peas. They are used same as snap or string beans. Height about four feet .35 .60 3.50



Telephone Peas



Bell Pepper

The plants should be set in warm, mellow soil, in rows eighteen inches apart. The seed may also be sown in the open ground, when danger from frost is past, and the soil is dry and warm. Cultivate in the usual manner and the crop will be fit for use early in September.

Large Bell. Large and of mild flavor Pkt. Oz. .10 .60

FIELD VARIETIES

White Marrowfat. One of the best late varieties; 1lb. 15lbs. 100lbs. very productive20 2.50 15.00

Black-Eyed Marrowfat. Excellent, hardy, productive field pea20 2.50 15.00

Canada Field. Extensively used for field culture10 1.40 8.00

PEPPER

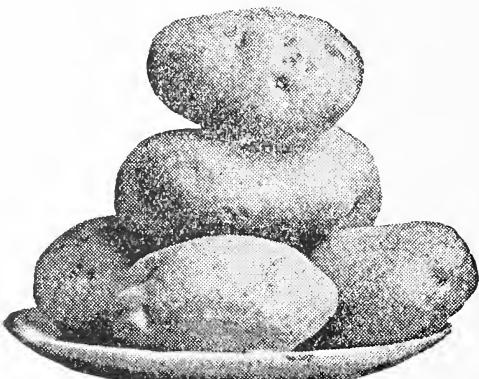
One ounce will produce 1500 plants.

Grown largely for pickles. Sow in the hotbed early in April, and transplant into the open ground when the weather is favorable.

SEED POTATOES

Prices on Seed Potatoes quoted on application.

Irish Cobbler. We have found this potato to be one of the most reliable, extra early potatoes. In ripening it seems to be more uniform than any other sort. Every hill seems to ripen at the same time. The potatoes in form are oval and round. They grow very smooth, cream white, with few and shallow eyes. The quality for early table use is not excelled by any early variety. It keeps perfectly through the winter until planting time in the spring and it is never out of season for the table. Considering its earliness, yield, fine quality and handsome appearance, Irish Cobbler is one of the best of all early potatoes Write for prices



Harmony Beauty Potato

Harmony Beauty. This potato originated from the seed of a potato ball in Somerset County, Maine. It is the favorite market potato of Bangor, having the preference over all other varieties wherever once used, and conceded by growers and consumers to be the best potato grown. It always brings a better price than any other in our market. It is a prolific cropper and remarkably free from rot, and about two weeks earlier than the Early Rose. In appearance it has a russet pinkish skin, a little lighter in color than the Early Rose, and is of more oval shape. Flesh white and mealy Write for prices

Green Mountain. A late variety of flat, oval form; white-skinned, very smooth and handsome. One of the best yielders, free from blight and rot, keeps well, and is never out of season for the table Write for prices

Gold Coin. A very hardy, all-around general crop potato. White-skinned with slight russetty appearance, flesh white and mealy. In form it is very regular, of a round, oval shape. As a table potato it cannot be excelled. Its yielding qualities are exceptionally large, being one of the heaviest croppers we have ever grown. We consider this potato to be the best all-around potato for general crop in cultivation

..... Write for prices

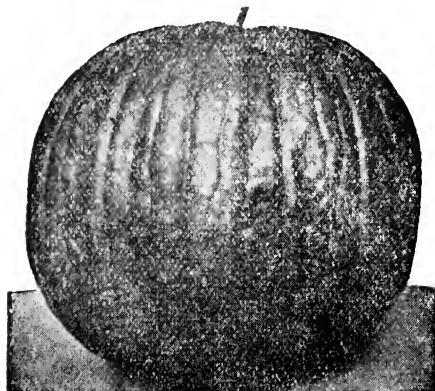
EGGPLANT

One ounce will produce about 1000 plants.

It will grow well in any good garden soil. Sow early in March in hotbeds, and when two or three inches high, transplant to pots or beds—two feet apart in the rows, and three feet between rows. Eggplants are very tender and will not stand frost.

New York Improved Large Purple. A leading market variety. The fruit is Pkt. Oz. large, dark purple and of fine quality. It is an excellent keeper10 .65

PUMPKIN



Connecticut Field Pumpkin

flesh bright yellow and very thick10 .20 .50 1.50

One pound will plant 250 hills.

Chiefly used for agricultural purposes. Same cultivation as for cucumbers and melons.

Connecticut Field. Large Pkt. Oz. $\frac{1}{4}$ lb. Lb.
size, good for cooking .10 .15 .35 1.00

Sugar or New England Pie. Fine - grained, sweet and prolific10 .15 .40 1.25

King of the Mammoths.

The giant among pumpkins; specimens have been grown to weigh 250 pounds and reaching two feet or more in diameter; fruit round and flattened, slightly ribbed; skin salmon-orange,

flesh bright yellow and very thick10 .20 .50 1.50

SPINACH

One ounce to 100 feet of drill.

Sow in early spring, in drills a foot apart, every two weeks for a succession; and as it grows, thin out for use. For fall use, sow in August, and for winter crop, in September.

Cover that which is left out over winter with straw or leaves, after the weather becomes quite cold.

Victoria. A new variety with very thick, dark green leaves, which spread out flat on the ground. It is a long-standing variety and very hardy Pkt. Oz. $\frac{1}{4}$ lb. Lb. .10 .15 .25 .75

King of Denmark. A fine long season Spinach, remaining longer than most varieties before bolting to seed. Plant vigorous and spreading; leaves large, rounded, crumpled and blistered, deep green in color10 .15 .25 .75

Long Standing. The leaves are smooth and very dark, rich green, slow to shoot to seed. Very popular with market gardeners10 .15 .25 .75

Bloomsdale or Savoy Leaved. Has thick, glossy, dark green leaves of medium size10 .15 .25 .75

New Zealand. This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities, where the ordinary Spinach does badly. Has a luxuriant growth of succulent leaves which can be cut through the entire summer10 .15 .25 1.00



J.B.R.S.C.

Victoria Spinach



RADISH

One ounce to 100 feet of drill.

Radishes thrive best in a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and flavor. For a successive supply, sow from the middle of March until September at intervals of two or three weeks. For an early supply they may be sown in a hotbed in February.

White Pearl Radish. Seventeen days from planting to the table.

The quickest on record. Pearly white, globe shaped, small top; quality unparalleled; very sweet, tender and crisp. Equally adapted for forcing or growing out of doors

	Pkt.	Oz.	¼ lb.	Lb.
.....	.10	.25	.75	2.25

Crimson Giant Radish. Rich crimson color, flesh white and solid, and of a mild and delicious flavor. Grows to a large size without becoming pithy. Excellent for forcing

	.10	.20	.50	1.50
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Lady Finger. Long, slender, and of a beautiful snow white

	.10	.20	.50	1.50
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Vick's Early Scarlet Globe Radish. This is a slightly olive-shaped variety of a rich, bright scarlet color, with white, tender flesh

	.10	.20	.50	1.50
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Early Scarlet Turnip. Round, scarlet, small, mild and crisp

	.10	.20	.50	1.50
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Icicle. Pure white, quick-growing variety

	.10	.20	.50	1.50
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Salsify

Round Black Spanish. Round or top-shaped; grows three or four inches in diameter; skin black, flesh white10	.20	.50	1.50
French Breakfast. A favorite oval-shaped, bright scarlet Radish, with white tip; fine for either open ground or forcing .....	.10	.20	.50	1.50

SALSIFY OR VEGETABLE OYSTER

One ounce will sow 50 feet of drill.

A very delicate and nutritious vegetable, especially esteemed for its peculiar oyster flavor. Sow the seed early in spring, in drills twelve inches apart and one inch deep, thinning out the young plants to six inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring.

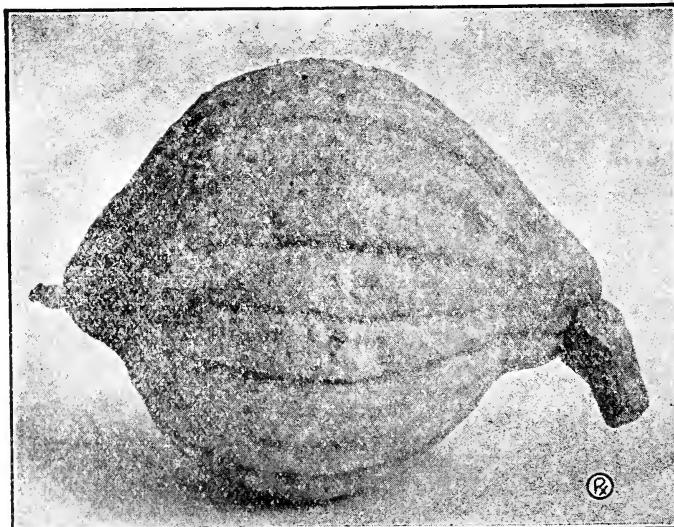
Mammoth Sandwich Island. Tender and delicious, Pkt. Oz. $\frac{1}{4}$ lb. very superior

.10 .30 1.00

SQUASH

One ounce of summer varieties will sow 40 hills; one ounce of winter varieties will sow 15 hills; four pounds per acre.

Any good, rich soil is adapted to the growth of the Squash. They only thrive well in a warm temperature, as all the varieties are tender annuals; and the seed should not be sown in spring until all danger from the frost is past, and the ground is warm and thoroughly settled. The hills for bush varieties should be about six feet apart, for running sorts, ten feet. Leave two plants to a hill and keep covered in the early stages with plaster.



Warted Hubbard Squash

Giant Summer Crookneck. Early, productive and of good quality; fruit bright yellow .....	.10	.20	.60	1.75
White Bush Scalloped. An early, flat, scalloped-shaped variety; very productive .....	.10	.20	.60	1.75

All prices quoted in this catalogue subject to change without notice.

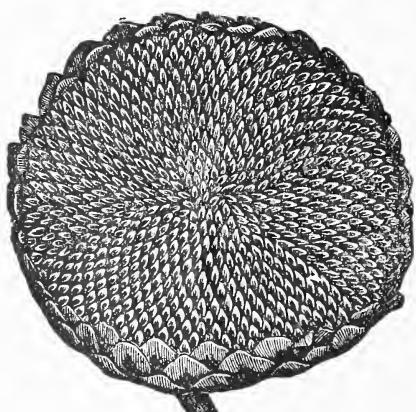
Hubbard. One of the most desirable varieties in cultivation; color, dark green; flesh, bright orange-yellow; fine-grained, very dry, sweet and rich-flavored; keeps perfectly good throughout the winter	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
	.10	.20	.60	1.75
Golden Hubbard. The fruit is of the same shape as the Green Hubbard, but a little smaller in size. They are earlier in season, but keep in fine condition through the winter. The skin is bright, deep orange-yellow. Flesh a deep, golden yellow .....	.10	.20	.60	1.75
Blue Hubbard. A sport from the well-known Hubbard, though resembling the Warted Hubbard, and excelling it in flavor and dryness. The fruit is gray-blue in color, grows very large, and is an exceedingly heavy cropper, being even more productive than any other strain of Hubbard. The shell is extremely hard and is an exceptionally good keeper. The meat is thick, fine-grained, dry and very sweet .....	.10	.25	.75	2.00
Warted Hubbard. An improvement over the old-fashioned Hubbard, same shape, large size, dark green, almost black, distinguished by a dense covering of knots which justifies the name of "warted." Very thick flesh, first-class quality, and a good keeper .....	.10	.20	.60	1.75
American Turban. Early fall variety; orange-yellow flesh of good flavor .....	.10	.20	.60	1.75
Mammoth Chili. Grown for exhibition and stock feeding; specimens have been grown to weigh upwards of 150 pounds .....	.10	.20	.60	1.75
Boston Marrow. A fall and winter variety; very popular in the Boston market; of oval form; skin thin; when ripe, bright orange; an excellent keeper and of superior quality .....	.10	.20	.60	1.75
Early Prolific Marrow. Earlier than the Boston Marrow. Very productive and grows to weigh from seven to twenty pounds. Its color is most attractive, a brilliant orange-red. Quality excellent when mature, and a good keeper .....	.10	.20	.60	1.75
Delicious. A new variety of winter squash. Color of skin is green, with an occasional blue specimen. About the same size as the Hubbard. Flesh very thick and of a dark orange color, very fine grain, exceedingly rich and of elegant flavor. Can be used for fall or winter use, does not acquire its best qualities until winter. It is without question the sweetest and richest flavored squash grown .....	.10	.20	.60	1.75

SUNFLOWER

	Pkt.	Oz.	Lb.
Large Russian .....	.10	.15	.25
Prices on Sunflower in larger quantities quoted on application.			

TOBACCO SEED

Connecticut Seed Leaf. Best adapted to the climate of the northern states, as it is more hardy and endures the cold better than the tender varieties grown south	Pkt.	Oz.	$\frac{1}{4}$ lb.
	.10	.35	1.25



Large Russian Sunflower

TOMATO

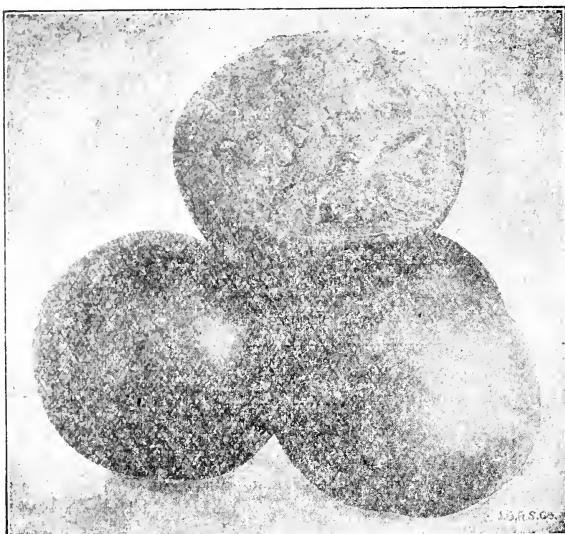
One ounce will produce 1500 plants. This vegetable is one of the most important of all garden products. They thrive best in a warm, light, rich soil. For early plants, sow about the first week in March in a hotbed, or in boxes or pots in a warm window. When the plants are about two inches high, set out in boxes, three inches deep, four inches apart, in the same temperature, or pot singly. If again transplanted before setting out, the plants will be still more stocky. Set out in the open ground about the first of June, four feet apart, each way, using a shovelful of rotted manure in each hill. Keep well sheltered and watered until they are established, after which let the fruit have plenty of sun.

Sparks' Earliana.

A new variety and the earliest large tomato yet introduced. It is of handsome shape and beautiful red color. The flesh is very firm and solid and of excellent quality

Pkt. Oz. $\frac{1}{4}$ lb.
.10 .35 1.00

Chalk's Early Jewel. An exceptionally fine, early variety, about ten days later than Earliana. Fruit smooth, round and solid. A bright scarlet in color. Excellent for both the market and home .....	.10	.35	1.00
Livingston's Beauty. Color very glossy crimson; grows in clusters of four or five fruits; large and solid .....	.10	.35	1.00
John Baer. An early, productive tomato. On the order of Chalk's Early Jewel. Large, nearly round, clear red .....	.10	.50	1.50
Bonny Best. An extra early tomato of a vigorous growth, and very prolific. Fruit of uniform size, solid, smooth, fine flavor and a bright scarlet color. One of the very best extra early varieties .....	.10	.40	1.25
Crimson Cushion. For so large a tomato it is very early, very smooth, of a bright, scarlet crimson. Ripens almost completely to the stem end. Without doubt the most prolific of any variety yet brought out. A grand tomato for slicing or canning .....	.10	.50	1.50
Ponderosa. A very large variety, purple in color. Considered to be one of the best for home use. Fruit very solid with few seeds, and of excellent flavor .....	.10	.50	1.50
Dwarf Champion. This is an early variety. The branches are short, making a bushy plant that stands quite erect, without stakes. Fruit smooth, medium sized .....	.10	.40	1.25
New Stone. Of a bright scarlet color. Very large and very smooth; ripens evenly to the stem without a crack; exceedingly solid and firm-fleshed .....	.10	.40	1.25



TURNIP

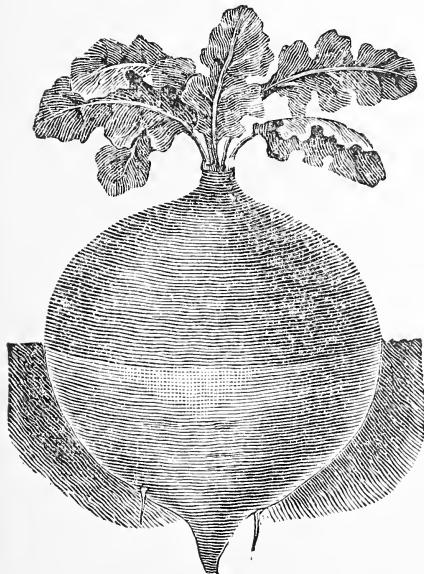
One ounce to 150 feet of drill; one to two pounds in drills for an acre.

Turnips do best in highly enriched, light, sandy or gravelly soil; sow the earliest varieties as soon as the ground can be worked in the spring, in drills twelve to eighteen inches apart. For a continuous supply through the season, sowing should be made every two weeks until the last of July, from which time until the middle of August the principal sowings are made for the fall and winter use. Swedish or Ruta Baga Turnips are largely grown for a farm crop as well as for the table; make sowings from the tenth of June until the first of July, in drills two to three feet apart, and the plants when well up should be thinned to ten inches apart. To keep the roots fresh during the winter they may be placed in a cool, dry cellar, buried in dry sand.

Golden Ball or Orange Jelly. A rapid grower of excellent flavor; bright yellow, good keeper, and a superior table variety	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.	.10	.15	.40	1.25
Purple Top Strap Leaf. Best variety for main crop; equally good for spring or fall sowings; white flesh .....					.10	.15	.40	1.25
White Egg. Oval, early, handsome and sweet .....					.10	.15	.40	1.25
Cow Horn. This variety is pure white, except a little shade of green at the top. An exceptionally heavy yielder of very rapid growth and is very popular for field culture for feeding stock .....					.10	.15	.40	1.25

RUTA BAGA OR SWEDE

TURNIP

**Carter's Imperial Swede.**

A most excellent sort for either table use or feeding stock. Flesh yellow, solid, sweet and rich. Purple top, hardy and heavy yielder

Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
.10	.15	.40	1.00

American Purple Top.

Flesh solid, yellow, sweet, and of fine flavor. Excellent keeper for winter use

.10	.15	.40	1.00
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Skirving's Purple Top.

A very popular variety. Large, yellow, firm flesh, sweet, and a good keeper

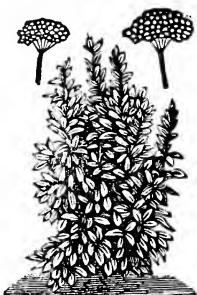
.10	.15	.40	1.00
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HERB SEEDS



Sage

	Pkt.
Balm10
Dill10
Sage10



Sweet Marjoram

	Pkt.
Summer Savory10
Sweet	
Marjoram .10	

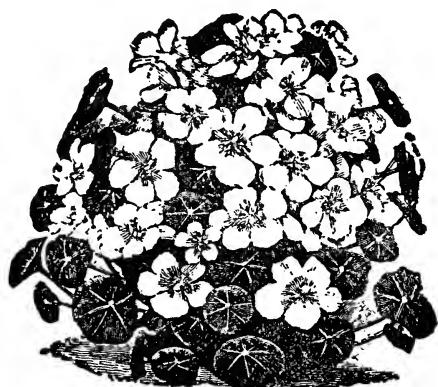


Summer Savory

FLOWER SEEDS

NASTURTIUM—Tall

Elegant, profuse flowering plants for verandas, trellises, etc. The seed pods can be gathered while green and tender for pickling. Hardy annuals.



Dwarf Nasturtium

Tall Mixed. Fine colors. Very choice mixture.
Pkt. .10, oz. .20, 2 oz. .30, $\frac{1}{4}$ lb. .50, lb. \$1.50

NASTURTIUM—Dwarf

The dwarf varieties are among our most popular plants, standing any amount of heat and drought, growing vigorously and flowering freely all summer and fall; excellent for massing and ribboning, doing well even in poor soil. Hardy annuals, one foot.

Dwarf (Mixed). Fine colors. Very choice mixture.

Pkt. .10, oz. .20, 2 oz. .30, $\frac{1}{4}$ lb. .50, lb. \$1.50

SWEET PEAS

Very lovely, beautiful, fragrant, free blooming, climbing plants. Sweet peas are grown very extensively by florists and gardeners for cut flowers, and when placed in water will last many days, and their sweet perfume delights many.

Supported by common pea sticks, they form admirable screens for protecting tender plants and excluding unsightly objects. They are invaluable for trailing and trellis work and covering fences, etc.

The more the flowers are cut the more freely they will bloom.

GRANDIFLORA TYPE

Owing to the increased demand for the Spencer sweet peas, and the fact that many of the named varieties of the Grandiflora type are one and the same, we have discontinued cataloguing the named varieties of Grandiflora sweet peas and will list only the Spencer varieties.

SPENCER VARIETIES
SWEET PEAS



Margaret Madison.	Standard blush-violet, wings lavender-blue; flowers large and waved .....	.10	.25
Nubian.	Deep maroon; flowers large and waved .....	.10	.25
Thomas Stevenson.	Rich orange scarlet; very large waved flowers .....	.10	.25
White Spencer.	Very large, pure white flowers, waved and fragrant .....	.10	.25



DUNNING'S SUPERIOR MIXTURE
Spencer Varieties Sweet Peas

This mixture contains the very best varieties of *Spencer Sweet Peas*. The colors are selected from true Spencer Types only, and vary from the most delicate colors to the dark, rich shades. This mixture cannot fail to give perfect satisfaction.

Price per pkt., 10 cts.; per oz., 20 cts.; per $\frac{1}{4}$ lb., 70 cts.; per lb., \$2.25

FLOWER SEEDS

For best results, flowering plants should be grown in a rich, sandy loam. Do not cover too deeply. A general rule is to cover from $\frac{1}{4}$ to $\frac{1}{2}$ inch, but for the very fine seeds, the best results are obtained by merely pressing them into the earth, and sprinkling them lightly with loose earth to prevent seed drying up. In dry weather, they should be sprinkled frequently.

All Flower Seeds sent Postpaid on receipt of price.

ANNUALS

	Per Pkt.
Asters—Queen of the Market. Very early, many beautiful colors mixed .....	.10
Giant Comet. These make grand display, flowers beautifully twisted and curled.	
Mixed .....	.10
Grego. Comet type, long curled petals, very fluffy. Mixed .....	.10
Crimson .....	.10
Lavender .....	.10
Pink .....	.10
White .....	.10
Alyssum. Sweet scented, white flowers .....	.10
Bachelor's Button. A showy, hardy annual. Finest mixed .....	.10
Balsam (Mixed). Most magnificent, $1\frac{1}{2}$ to 2 feet high .....	.10
Calendula. (Pot Marigold). Mixed .....	.10
Calliopsis. Very showy—mixed colors .....	.10
Candytuff. Pure white .....	.10
Candytuff. Finest mixed colors .....	.10
Canterbury Bells. Cup and Saucer. Mixed perennial .....	.10
Carnations. Very showy and sweet scented .....	.10
Cosmos. Free blooming, flowers excellent for cutting. Finest mixed .....	.10
Everlasting. A hardy annual, very ornamental in the garden, and very desirable for winter bouquets, as they will retain their form and color for years if gathered and dried when first open .....	.10
Forget-Me-Not. Sky Blue .....	.10
Gaillardia. Beautiful annual, large flowers, blooms until frost. Finest mixed .....	.10
Hollyhocks. Single, mixed. (Perennial.) .....	.10
Hollyhocks. Double, mixed. (Perennial.) .....	.10
Larkspur. Annual of great beauty—mixed .....	.10
Marigold (African). Large flowers—mixed .....	.10
Marigold (French). Free flowering—mixed .....	.10
Mignonette. Sweet, large flowered .....	.10
Morning Glory. Mixed (annual) .....	.10
Pansy. Large flowered. Finest mixed .....	.10
Petunia. Great variety—colors mixed .....	.10
Phlox (Drummondii). Flowers of great beauty. Their long duration of bloom and rich color are admired by all. Choice mixed colors .....	.10
Poppy (California). Much admired .....	.10
Poppy (double). Choice mixed .....	.10
Poppy (Shirley). Beautiful shades mixed .....	.10
Portulaca. Very popular—single, mixed .....	.10
Salpiglossis. Very beautiful—mixed .....	.10
Salvia (Scarlet Sage). Old favorite .....	.10
Snap Dragon. Mixed (annual) .....	.10
Stocks. Early, large flowering—mixed .....	.10
Sweet William. Showy perennial—mixed .....	.10
Verbena. Always popular—mixed .....	.10
Zinnia (Giant). Always very popular—mixed .....	.10

DUNNING'S CHOICE MIXTURE
Grandiflora Varieties Sweet Peas

This mixture is made up of the choice new and standard varieties, the flowers being of the largest types and so combined as to give the most pleasing harmony of colors.

Price per pkt., 10 cts.; per oz., 15 cts.; per $\frac{1}{4}$ lb., 40 cts.; per lb., \$1.25

VEGETABLE PLANTS AND ROOTS

Asparagus Roots. Strong, two-year-old roots, per doz., 40 cts., per 100, \$2.50

Cabbage Plants

Early Summer varieties ready May 15th
For Winter crop ready June 15th

Early Summer	Danish Ball Head
Early Jersey Wakefield	Copenhagen Market
Fottler's Brunswick	Premium Flat Dutch
All seasons	Stone-Mason Drumhead

Put up in bunches of 25, 50 and 100

Cauliflower Plants

Ready June 1st

Early Favorite	Henderson's Early Snowball
	Put up in bunches of 12, 25 and 100

Celery Plants

Ready June 1st

Golden Self-Bleaching	Boston Market	White Plume
	Put up in bunches of 25, 50 and 100	

Pepper Plants

Ready June 1st

Large Bell or Bull Nose

Tomato Plants

Ready May 20th

Spark's Earliana	Dwarf Champion
New Stone	Crimson Cushion
Early Freedom	Livingston's Beauty
Put up one dozen in a box and in bunches of 12, 25, 50 and 100	

Horse Radish Sets

Strong, healthy cuttings 30 cts. per dozen

Rhubarb Roots

Linnæus, two-year-old roots 25 cts. each; \$2.50 per dozen

Bedding Plants—Seedlings

Ready June 1st

Asters	Dianthus Pinks
English Daisies	Ten Weeks' Stocks
Pansies	Verbena
Pinks	Zinneas
Snap Dragon	Forget-me-not

Geraniums

Choice mixed varieties, from 2½- and 3-inch pots. Write for prices on plants listed on this page not priced.

All plants on this page shipped at owner's risk. Our responsibility ceases on delivery to the Express or Railroad Company. No plants will be shipped on Saturday.

Plants sent by Express or Freight only.

USE SHEEPS HEAD BRAND
PULVERIZED SHEEP MANURE

In your Flower Beds and Vegetable Garden. A natural, high-grade, properly balanced, complete fertilizer—odorless. See page 46



Single Hyacinth

Prices on application.

DUTCH BULBS

AUTUMN PLANTING

For Winter and Spring Blooms

Ready for shipment about September 1st

Garden Culture. Bulbs may be planted from the first of October up to the time the ground freezes, in any good, well drained, garden soil, which has previously been well enriched and dug to a depth of from 12 to 15 inches. Before the ground freezes, cover the beds with material such as leaves, straw, boughs, etc., to a depth of four inches. Do not uncover too early in the spring.

HYACINTHS

One of the most popular bulbs for effective beds outdoors, or grown in the house in pots. Bulbs should be set six inches apart and six inches deep.

SINGLE VARIETIES

Better adapted, and much more satisfactory, for outdoor bedding than the double varieties.

Gertrude, brilliant rosy-red.

Roi deo Belges, bright dark red.

General Vetter, blush white.

King of the Blues, dark blue.

Queen of the Blues, light blue.

King of the Yellows, dark yellow.

L'Innocence, pure white.

Lord Balfour, lilac-violet.

Grand Maitre, lavender.

Hofgartner Kunert, light pink.

Prices on application.

DOUBLE VARIETIES

Koh-i-noor, rosy-red.

La Tour d'Auvergne, pure white.

Bloksberg, light blue.

Chestnut Flower, fine rose color.

TULIPS

No other flower exceeds the Tulip in beauty of form, brilliancy of color, effective bedding and gorgeous show. They are equally as desirable for bedding, or pot culture indoor. Bulbs should be set six inches apart and four and one-half inches deep.

SINGLE VARIETIES

Much more satisfactory for outdoor bedding than the double varieties.

Artus, scarlet. Duc de Berlin, brilliant red and yellow.

Cardinal's Hat, brown red. Yellow Prince, bright yellow.

Rose Griselin, bright pink. Goldfinch, bright yellow.

La Reine, pure white. Cottagemaid, white and rose.

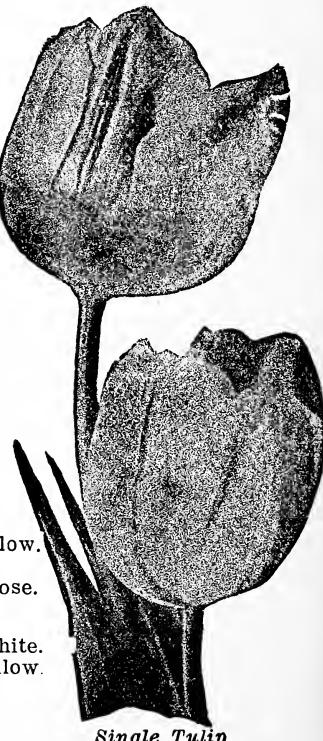
DOUBLE VARIETIES

Gloria Solis, brown and yellow. Alba Maxima, pure white.

Rubra Maxima, dark red. Duke of Leicester, yellow.

Murillo, light rose.

Prices on application.



Single Tulip

All prices quoted in this catalogue subject to change without notice.

DARWIN TULIPS

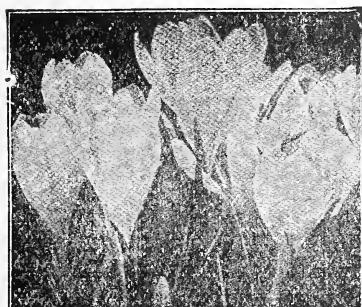
Baronne de la Tonnaye, rosy carmine **Fen d'Artifice**, brilliant purple-red
Louis Lenglart, brilliant dark purple **Margaret**, rose lilac **Medusa**, salmon orange-red
Prices on application.

PERENNIAL PLANTS AND ROOTS

Assorted Colors for either Spring or Fall Planting

Achilles	Canterbury Bells	Peonies
Baby's Breath	Columbine	Strong Roots of Choice
Foxglove	Hollyhocks	Named Varieties
Garden Heliotrope	Iris	Pink, Red and White
Gaillardia	Larkspur	75c each
Sweet William	London Pride	
Veronica	Lupines	Phlox
	Oriental Poppy	Pink, Red, White and
PRICE	Persian Daisy	Purple
15c ea. \$1.50 doz.	25c ea. \$2.50 doz.	25c ea. \$2.50 doz.

If sent by parcel post include extra for postage



Crucuses

CROCUSES

One of the first to bloom in the spring, lifting its head almost before the snow has disappeared. Blooming at a time when the ground is destitute of foliage, it is a welcome visitor. The crocus succeeds well when grown in pots for indoor culture, as well as for borders and beds for outdoor culture; may also be grown in water with a little sand in any shallow dish or plate.

Plant in the open ground two inches deep and two inches apart.

Blue, white, striped, yellow.

Prices on application.

GLADIOLI

Ready for shipment April 15th

	Doz.
America—Beautiful flesh pink	\$.60
Crimson Glow—Large wide open glowing crimson	1.00
Halley—Lovely salmon-pink and yellow .....	.60
Herada—Large glistening mauve	1.00
Lily White—Pure white	1.00
Miss Helen Franklin—Pure white with violet markings	1.00
Splendorra—Splendid, very dark wine black	1.00
Wilbrink—Pink with creamy white blotch .....	.60
Choice Mixed Varieties made from choice named sorts that blend either for cut flowers or bedding in the garden	\$4.00 per 100
	.60

If sent by parcel post add extra for postage. We make the 100 price on 50 bulbs and over. Bulbs should be set out in the ground after all danger of frost is over.

DAHLIAS

Bulbs Ready for Shipment April 15th

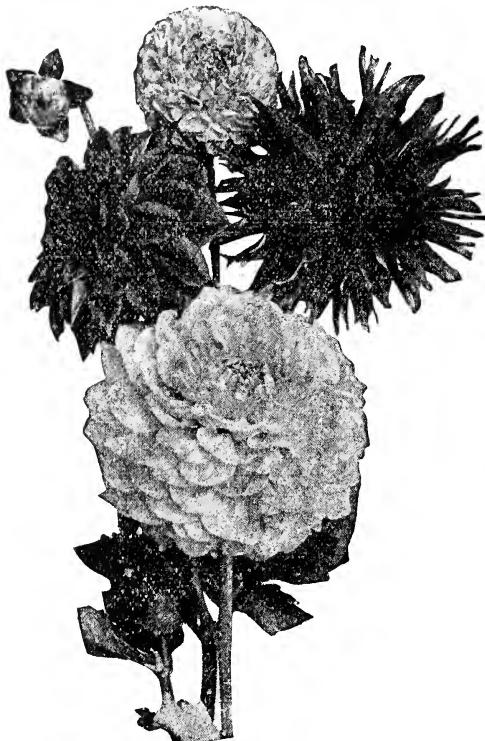
No plants are easier to grow, respond more readily to care, flower more freely, and show such a wide range of color and types as the Dahlias.

They should not be planted until after all danger of frost is over. Plant in a moderately rich soil, covering the tubers 3 inches deep.

Give plenty of water and sunshine and stir only the surface soil in cultivating.

DAHLIA BULBS

We list below a few of our most popular varieties.



Acquisition (S) — An exquisite shade of deep lilac	Each	25c
Admiral Dewey (Peo) — Strawberry, tipped yellow	Each	50c
Azelia (Dec) — Creamy yellow, outer petals suffused pink	Each	50c
Betty Austin (H C) — Yellow at base of petals, blending to rosy carmine and rose. Yellow at tips. Reflex rose. Each	50c	
Bonnie Brae (Dec) — Cream shaded blush pink	Each	50c
Beauty (F) — Beautiful shade of pink. Quilled petals. Free, continuous bloomer	Each	25c
George Walters (H C) — Very large, soft, coral pink, suffused with gold in center	Each	50c
Giant Purple (Dec) — Purple shading to mauve. Free, continuous bloomer. Each	25c	
Grand Duchess Marie (S) — Rich buff, overlaid orange, reverse of petals pink	Each	25c
J. H. Jackson (C) — Rich, velvety, maroon shaded black. Still one of the best. Each	25c	
Jeanne Charmet (Dec) — Beautiful lilac pink, shading to white in center	Each	25c
Jean Charzot or Gay Paree (H C) — Flowers large, beautiful golden bronze. Each		50c
Lawine (C) — White, lightly suffused with pink. Strong, vigorous grower	Each	25c
Le Grand Manitou (Dec) — Large, lilac-penciled crimson, extra fine. Occasionally bear solid purple flowers. Dwarf	Each	25c
Le Armours De Madam (S) — Delicate pale rose, striped scarlet. Very desirable	Each	25c
Lynhurst (Dec) — Brilliant cardinal red	Each	25c
Madonna (Dec) — Large, pure white. Very fine	Each	50c
Madame a Lumier (S) — An excellent lilac pink. Good grower and bloomer	Each	25c
Maude Adams (S) — Pure, snowy white, overlaid clear lavender pink	Each	25c
Miss Helen Hollis (S) — Deep scarlet. Flowers very large	Each	25c
Mrs. Carl Salbach (Dec) — Lovely shade mallow pink. Stems extremely long and cane like. Fine growing habits, generous producer of tubers and beautiful, large flowers	Each	50c
Mrs. I. De Ver Warner (Dec) — Very large, beautiful flowers of fine form. Rich, rosy mauve	Each	50c
Mrs. J. Harrison Dick (Dec) — Best of all bronzy yellows. Wonderful grower of medium height and branching habit, producing the perfect flowers on long, stiff stems. Here is the dahlia supreme	Each	50c
Mt. Shasta (H C) — Very light shell pink. Extra fine, full, deep flower of enormous size	Each	75c
Oregon Beauty (Dec) — Very bright vermillion cardinal, rich and glistening. Flowers large, on long, graceful stems. Early, free and continuous bloomer. Each		25c
Perfect Beauty (Dec) — Bright, light scarlet. Petals heavily tipped white	Each	\$1.00
Paul Bunyan (Dec) — Beautiful salmon pink, with a luminous sheen	Each	50c
Pearl De Lyon (Cac) — Pure white. Flowers serrated at points	Each	25c
Pride of California (Dec) — Called the "American Beauty" Dahlia. Huge, crimson red flowers. Very strong and rapid grower, and sure bloomer	Each	50c
Princess Victoria (S) — Pure canary yellow. Free bloomer	Each	25c
Rose (S) — Color an exceptionally deep rose shade	Each	25c
Rosalia Styles (Colossal Peony) — Largest and best pink of this class. Beautiful form, immense size, free and continuous bloomer	Each	75c
Storm King (S) — Pure white	Each	25c
Sonv. D. M. Blanin (Dec) — Ideal cerise. Extremely early, profuse and continuous bloomer	Each	25c
Tokio (Dec) — Beautiful rich, velvety maroon	Each	25c
Yellow Colosse (Dec) — Large, showy flowers of pure primrose yellow	Each	25c

If we should be out of any variety of Dahlias at the time we receive your order, we reserve the right to substitute a desirable variety in place of same unless otherwise instructed.

All prices quoted in this catalogue subject to change without notice.

EARLY PEARL OATS

We have made this oat our leader for several years, as we believe it has a record unequalled, and we have received only words of commendation from our customers.

This oat was tried out in varieties of tests at the State Farm Highmoor for several years, and the record shows that it led in yield or was very near the top each year.

It has been awarded Sweepstakes as the highest scoring oat at each successive meeting of the Maine Seed Improvement Association, with the exception of one year since its organization.

A demonstration plot of three acres under government inspection in 1914 yielded 88 bushels per acre. The average on the farm of 12 acres gave a yield of 72.

The originator has grown 110 bushels from one acre.

The early Pearl originated in Maine.

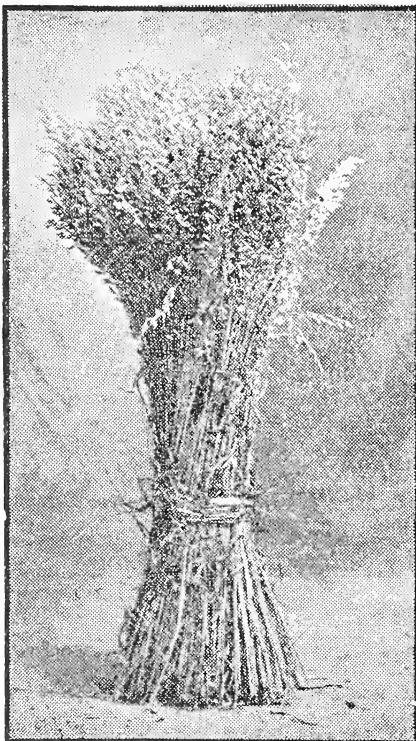
We secure our seed from the originator with a guarantee that it is true to name and free from smut and foul seed.

Prices on application.

WHITE WESTERN SEED OATS

These oats are selected, germinated and recleaned especially for seed.

Write for prices.



Early Pearl Oats

MAINE 340 OATS

This variety of oat was originated in the State of Maine after many years of careful selection and breeding. A heavy yielder, straw good height, stiff and does not lodge easily. Oats very heavy and of fine quality.

Write for prices.

MARQUIS SPRING WHEAT

A variety produced by scientific cross breeding. First introduced in Canada, and has since rapidly displaced many other varieties in the northwest and in Canada. In appearance is similar to Red Fife, the heads being heavier and the straws shorter, making it less likely to lodge. The kernel is flinty, dark red, plump, and is beardless. Early and a very heavy yielder.

Write for prices.

EXTRA SELECTED FARM SEEDS

At market prices at time order is received. All inquiries for quotations will be promptly answered.



Timothy

Kentucky Blue Grass. An excellent variety for pasture. Also valuable for lawns when mixed with other grasses; 14 lbs. to the bushel.

Creeping Bent. Ideal for golf link putting greens; it makes a fine turf and lasts well. Also excellent for lawns.

Crested Dogtail. A very valuable permanent pasture grass. On account of its fine, close growth it is very valuable in lawn grass mixtures.

Orchard Grass. Valuable on all dry soils. very valuable as a pasture grass; 14 lbs. to the bushel.

Red Fescue. Valuable as a pasture grass.

Sheep's Fescue. Much liked by sheep, and makes a very fine grass for permanent pasture mixtures where sheep are to be pastured. Also valuable for lawns.

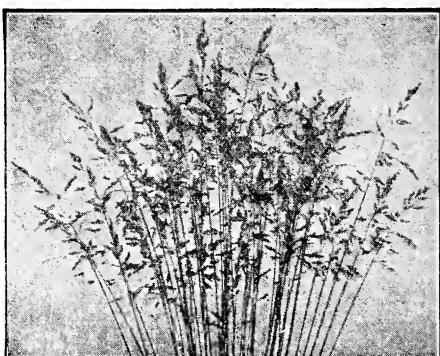
English Rye Grass. Very valuable, arrives early at maturity and produces a good quantity of hay. It grows freely on most any soil and shows a very early spring growth of which cattle are very fond. Very desirable for a pasture grass.

GRASS SEEDS

Timothy or Herd's Grass. The best grass for hay; 45 lbs. to the bushel.

Fancy Red Top. Clear Seed. A valuable grass and extensively cultivated; 40 lbs. to the measured bushel.

Canada Blue Grass. A very hardy variety of Blue Grass. Excellent for pasture and especially adapted to dry, sandy, thin soils. Does not make as fine a sod as the Kentucky Blue Grass, but will stand rougher usage.



Kentucky Blue Grass

MILLETS

Millets should be sown in June and July, and are annual forage plants of thick growth, valuable for green fodder or hay, maturing in fifty to seventy-five days from the time the seed germinates, producing an abundant yield of forage, relished by all kinds of stock. They must be cut while in blossom to make good hay. At market prices at time order is received. All inquiries for quotations will be promptly answered.

Hungarian Grass. Early. Grows two to three feet high; abundant foliage; withstands drought and yields well on light soils; 48 lbs. to the bushel.

DWARF ESSEX RAPE, ENGLISH

Is easily grown, perfectly hardy and possesses remarkable fattening properties. Under ordinary field conditions the plants reach height of about four feet; the roots being strong growing, penetrate the soil to a considerable depth.

Dwarf Essex Rape will be found to resist summer drought if care is taken to get the plants well started before extreme summer heat may be expected. For sowing in drills, about five lbs. of seed per acre is required; broadcast fifteen lbs. per acre.

JAPANESE BARNYARD MILLET

This wonderful and valuable new forage plant was introduced into this country by Prof. Brooks, of the Massachusetts Agricultural Experiment Station. It has proven an enormous yielder in all sections of the United States; hay and fodder of most excellent quality on any soil, yielding eight to ten tons per acre and growing from five to seven feet in height. Cattle and horses eat it greedily. Sow in May and June broadcast, ten to fifteen lbs. per acre (it stools remarkably), or in drills, eight lbs. per acre.

Write for prices.



Red Clover

Medium Red Clover. The common Red Clover and by far the most practical variety for agricultural purposes.

Mammoth or Pea Vine Clover. Of ranker growth than Medium Red and usually lasts longer.

Alsike Clover. Very hardy, particularly adapted for low moist land.

White Clover. Very hardy, particularly adapted for low moist land. Adapted to all soils. Very hardy.

Scarlet or Crimson Clover. A rapid growing annual, fine for soil-ing cattle, or for plowing under to enrich the soil.

Bokahra or White Sweet Clover. Will grow on very poor soils; excellent for plowing under, also makes a superior forage crop.

This is a biennial and will not last over two years. Valuable for beekeepers Write for prices



ALFALFA

Alfalfa or Lucerne. The greatest known forage crop. The soil should be a deep loam, well-drained with loose subsoil so that no water will stand on the land. Agricultural Lime should be used at the rate of one ton to the acre to correct any acidity in the soil.

Genuine Grimme Alfalfa. A hardier and more productive strain of alfalfa than any other variety. This has been determined by extensive trials at various experiment stations and on many farms in the northern states. It originated in northern Minnesota after many years of careful selection Write for prices

SOJA OR SOY BEANS

Mammoth Yellow

Very valuable for fertilizing and enriching the soil; also used for pasturing, feeding as green fodder, and for silo purposes. Sow broadcast in May or June, at the rate of one bushel to the acre, or they may be planted in drills three feet apart and one foot between plants.

At market prices time order is received.

COW OR SOUTHERN PEAS

The great soil improver. Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Peas are the most popular, especially for medium or light soil. They should be sown the last of May, or in June, at the rate of one and one-half bushels to the acre, and plowed under as soon as they have attained their growth. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers. Cow Peas are also valuable as a forage crop.

Black Eye. Seed creamy white, with a large black eye. A prolific vine grower.

Whip-poor-will. Seeds are good size, speckled brown in color. A prolific bunch growing variety.

At market prices time order is received.

SUDAN GRASS

This is a drouth-resisting grass of great merit, and yields an abundant crop. On very dry lands it yields more forage than Millet; the hay is relished by stock, is of superior quality and is very easily cured.

It is a very tall growing grass, reaching a height of from five to seven feet.

As this is strictly an annual and dies each year, it must be seeded again each spring. It should not be planted until the soil has become warm in the spring. If sown broadcast, 16 to 24 lbs. of seed per acre are required.

At market prices.

SAND, OR WINTER VETCH

One of the pea vine class of plants. Better than other fodder crops on poor, dry, sandy soil, while in good soil it makes a rank growth of four to five feet. Perfectly hardy all over the United States, stands drought well and remains green all winter. It is the earliest of all spring fodder crops. Sow for spring use in August with $\frac{1}{2}$ bushel of winter rye or oats, or in spring with $\frac{1}{2}$ bushel of oats, rye, or barley. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock. Sow at the rate of one bushel per acre.

At market prices time order is received. All inquiries for quotations will be promptly answered.

GRAINS

Prices subject to market changes. All inquiries for quotations will be promptly answered.

Spring Wheat, Winter Wheat, Spring Rye, Winter Rye, Barley, Oats, Silver Hull Buckwheat, Japanese Buckwheat, Indian Wheat, or Rough Hulled Buckwheat.

All our grains are selected expressly for seed, and are strictly pure and true.

PASTURE SEED

A Special Grass Mixture for Permanent Pastures.

This is a special mixture of grasses that produce a heavier, thicker and longer continued growth of grasses than when only one or two kinds are grown. It also makes a much heavier and thicker sod.

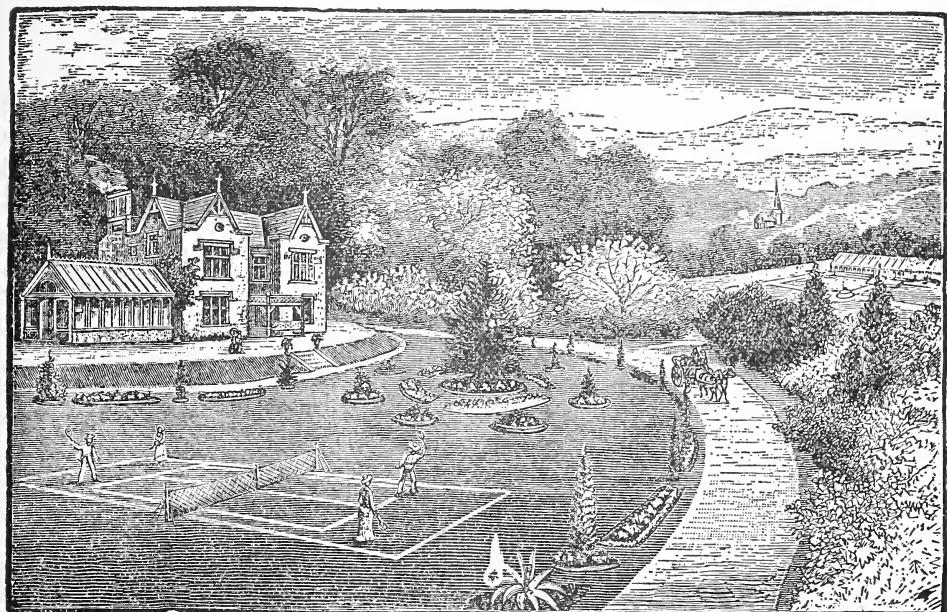
Care should be taken in not turning cattle on too soon after seeding. The best results are obtained by mowing the first season and not turning cattle on till the second season; this gives the grass a chance to get firmly rooted and to form a thick, heavy sod. A liberal quantity of seed should be used so as to insure a thick, heavy sod.

If unable to harrow into the soil, the seed should be sown just as soon as the snow leaves in the spring, while the ground is cool and moist. We recommend using one to one and one-half bushels of seed per acre.

Price, per bushel of 30 lbs., \$6.50.

All inquiries for quotations for grass seeds, grains, etc., will be promptly answered and samples sent by mail when desired.

All prices quoted in this catalogue subject to change without notice.



DUNNING'S LAWN GRASS SEED

This is a mixture of the different varieties of grass seed, which is best suited to this climate for lawns, grass plots, cemetery lots, etc., and selected with a view of suiting all soils and situations, and whether used in pastures, or lawns, has invariably produced the best results. It must be remembered, however, that much of the fine appearance of our lawns depends upon regularity in mowing. If they are left too long in spring before the operation is begun, or if allowed to grow strong in summer, and, more especially, if not closely mown at the latest period in autumn, they become coarse, the stronger grass overgrowing the weaker and the best, the smoothness of the surface being destroyed, and ultimately the whole becoming patchy and unsightly. All lawns should also be regularly rolled, and, unless the subsoil be a porous, alluvial gravel, should also be thoroughly drained at their formation. A drain should be carried along at the bottom of each terrace slope, so that they may at all times be comfortable to walk upon. The seed may be sown in spring or fall, but, if sown in hot weather, a slight sowing of oats, which vegetates quickly among the grass, will serve to protect the springing grass. For forming new lawns, three bushels are required per acre, or about one quart to each square rod of land, which should be regularly and evenly distributed.

A liberal quantity of seed should always be used to insure the best results. Per pound, 50 cents; five pounds, \$2.25. If sent by mail, add extra for postage.

Twenty-five pounds per bushel. Prices on larger quantity on application.

If sent by Parcel Post, include extra for bag and postage.

DUNNING'S "SHADY" LAWN SEED

This is a mixture of grasses that are naturally adapted for growing under trees and in places where the sun does not find ready entrance.

If sown on such locations in place of the ordinary Lawn Seed, bare and unsightly spots will be prevented.

A liberal quantity of seed should be used to insure the best results.

Per pound, 60 cents; five lbs., \$2.75. If sent by mail add extra for postage.

Twenty-five pounds per bushel. Prices on larger quantity on application.

If sent by Parcel Post include extra for bag and postage.

USE SEMESAN, JR. FOR CORN

Ear, root and stalk rots that attack America's corn crop cause an annual loss of \$200,000,000.

Now, by a simple, inexpensive dusting of seed corn with Semesan, Jr., not only are the more prevalent diseases controlled but substantial yield increases are made possible.

Semesan, Jr. is easily applied to seed corn by the convenient dusting method at the rate of 3 ounces to the bushel of seed. Ask us for free crop booklets.

SEMESAN FOR VEGETABLES

Semesan is the only organic mercury fungicide on the market which can be applied in either the liquid or convenient dust forms. This remarkable product prevents or controls a most diversified variety of the seed, plant and soil diseases that reduce the quantity and quality of crop yields.

SEMESAN BEL FOR POTATOES

PRICES			
SEMESAN BEL		SEMESAN	
1 lb.	...\$ 1.75	4 oz.	...\$.50
5 lbs.	... 8.00	1 lb.	... 1.75
25 lbs.	... 31.25	5 lbs.	... 8.00
50 lbs.	... 72.50	25 lbs.	... 37.50
100 lbs.	... 140.00	50 lbs.	... 72.50
		100 lbs.	... 140.00
		50 lbs.	... 122.50
		100 lbs.	... 240.00

Inoculate

ALL LEGUMES

Alfalfa, All Clovers, Soy Beans, Cow Peas, Vetch
Peas, Beans, Peanuts with

Every Can
Stamped with
Expiration
Date
Fresh
Each Year

NOBBE-HILTNER PROCESS

NITRAGIN
TRADE MARK REGD. DEC. 5, 1896 NO. 32212

Every 1 Bu.
Size Can
Packed with
More Than
7 Billion
Legume Germs

THE ORIGINAL LEGUME INOCULATOR
WITH THE DATE AND GERM COUNT ON EVERY CAN

FOR profitable results, Agricultural Colleges advise inoculation for all legume seed, because it pays well in producing larger quality yields. NITRAGIN inoculated legumes draw their nitrogen from the air—not from the soil—with billions of fresh nitrogen-gathering germs.

With more than 7 Billion germs in a 1 bu. size, costing the farmer less than 15¢ per billion, NITRAGIN is cheapest legume crop insurance on the market. On the NITRAGIN label, the expiration DATE guarantees fresh germs, the GERM COUNT tells you exactly what you are buying. Protect yourself. Insist on NITRAGIN!

Sold in ventilated tins—
packed in a rich soil-like, granular medium.
Easy to apply on seed.
Directions on every can.



1 bu. size label
Price
Expiration Date
Legume Germ
Count

NITRAGIN PRICES

Alfalfa, All Clovers, Vetch, Peas, Beans		
Size	Inoculates	Price
1/4 bu.	15 lbs. seed	\$.40
1/2 bu.	30 lbs. seed	.60
1 bu.	60 lbs. seed	1.00
5 bu.	300 lbs. seed	4.75

Special Prices on Soy Beans and Cow Peas
(Note sizes carefully—not packed in smaller sizes)

1 bu.	60 lbs. seed	\$.40
2 bu.	120 lbs. seed	.70
5 bu.	300 lbs. seed	1.50
10 bu.	600 lbs. seed	2.50

GARDEN NITRAGIN
Inoculates from 1 ounce to 8 lbs. seed.
Price, \$.25

IMPORTANT: When ordering NITRAGIN, always be sure to state kind of legume seed you wish to inoculate.

Table Showing the Quantity of Seed Usually Sown Upon an Acre

	Lbs. Per Bush.	Amt. Per Acre.		Lbs. Per Bush.	Amt. Per Acre.
Alfalfa	60	20 lbs.	Millet, Japanese	35	10 to 15 lbs.
Barley, broadcast	48	2 1/2 to 3 bu.	Millet, Siberian	48	12 to 15 lbs.
Beans, Dwarf, in drills	60	1 to 1 1/2 bu.	Oats, broadcast	32	3 to 4 bu.
Beans, Pole, in hills	60	10 to 12 qts.	Onions, in drills		4 to 5 lbs.
Beets, Garden		6 lbs.	Onion Sets, in drills	32	8 to 10 bu.
Beets, Mangel Wurzel		6 lbs.	Orchard Grass	14	2 to 3 bu.
Buckwheat	48	1 bu.	Parsnips, in drills		5 lbs.
Cabbage		6 to 8 oz.	Peas, Smooth, broadcast	60	2 to 3 bu.
Carrot		3 to 4 lbs.	Peas, Garden, in drills	56	1 1/4 to 1 1/2 bu.
Clover, Alsike	60	6 to 10 lbs.	Potatoes	60	10 to 12 bu.
Clover, Red	60	12 to 20 lbs.	Pumpkin, in hills		3 to 4 lbs.
Clover, White	60	6 to 10 lbs.	Red Top, clean seed	40	8 to 10 lbs.
Corn for Ensilage, in drills		1/2 to 1 bu.	Rye, broadcast	56	1 1/2 to 2 bu.
Corn, in hills		10 qts.	Squash, in hills		4 lbs.
Cucumber, in hills		1 1/2 to 2 lbs.	Sudan Grass		16 to 24 lbs.
English Rye Grass	24	2 to 3 bu.	Timothy	45	1/2 bu.
Hungarian	48	1 bu.	Turnip, broadcast		2 1/2 to 3 lbs.
Kentucky Blue Grass	14	2 to 3 bu.	Turnip, in drills		1 to 2 lbs.
Lawn Grass	25	3 bu.	Vetches	60	1/2 to 1 bu.
Millet, Golden	48	1 bu.	Wheat, broadcast	60	1 1/2 to 2 bu.

Weight of Various Articles

	Lbs. per Bush.		Lbs. per Bush.
Apples	44	Peas, Wrinkled	56
Barley	48	Peas, Unshelled Green	28
Beans	60	Potatoes	60
Beans, String, Green Unshelled	24	Rye	56
Beets	60	Rye Meal	50
Beet Greens	12	Salt, Coarse	70
Buckwheat	48	Salt, Fine	60
Blue Grass, Canadian	14	Salt, Liverpool	60
Blue Grass, Kentucky	14	Salt, Turk's Island	70
Carrots	50	Spinach	12
Clover	60	Timothy	45
Corn, Shelled	56	Tomatoes	56
Corn, on Ear	70	Turnips, Ruta Baga	60
Corn, Cracked	50	Wheat	60
Corn Meal	50	Flour, per bbl.	196
Charcoal	22	Potatoes, per bbl.	165
Hungarian	48		
Millet, Golden	48		
Millet, Japanese	35		
Oats	32		
Orchard Grass	14		
Onions	52		
Parsnips	45		
Peas, Smooth	60		

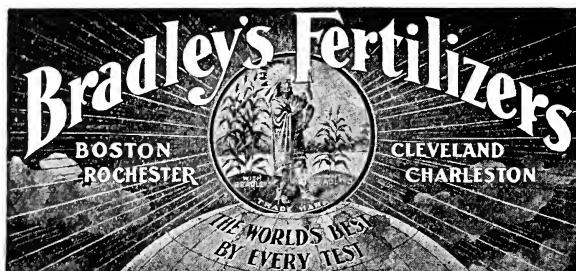
	Lbs. per Cubic Foot
Hay, well settled	4 1/2
Corn, on cob, in bin	22
Corn, shelled, in bin	45
Wheat, in bin	48
Oats, in bin	25 1/2
Potatoes, in bin	60

Number of Plants or Trees to the Acre at Given Distances

Distance Apart	Quantity per Acre	Distance Apart	Quantity per Acre
1/2 foot	174,240	4 feet by 2 feet	5,444
1 foot	43,560	4 feet by 3 feet	3,629
1 1/2 feet	19,360	4 feet by 4 feet	2,722
2 feet	10,890	5 feet	1,742
2 1/2 feet	6,969	6 feet	1,210
2 1/2 feet by 12 inches	17,424	7 feet	889
2 1/2 feet by 16 inches	13,068	8 feet	680
2 1/2 feet by 20 inches	10,454	10 feet	435
2 1/2 feet by 2 feet	8,712	12 feet	302
2 1/2 feet by 2 1/2 feet	6,970	15 feet	193
3 feet by 1 foot	14,520	18 feet	134
3 feet by 2 feet	7,260	20 feet	108
3 feet by 3 feet	4,840	25 feet	69
4 feet by 1 foot	10,888	30 feet	64

All prices quoted in this catalogue subject to change without notice.

For all
General
Farming



Write
For
Prices

SHEEPS HEAD BRAND PULVERIZED SHEEP MANURE

A natural dressing for Lawns, Flower Beds, Vegetable Gardens, Golf Links, etc., and is the best of all manures for mixing with the soil for Greenhouse Plants.

As a lawn top-dressing, it cannot be equalled. It can be applied two or three times to the lawn during the season, at the rate of about one pound to thirty square feet, or less, owing to the condition of the lawn.

For mixing with soil, take one part of manure to six parts soil. For making a liquid, take one pound of manure to five gallons of water, which can be used daily with safety, if necessary.

It is clean to handle, perfectly dry, thoroughly pulverized, pure and unadulterated.

PRICES

1-pound bag	\$.15	25-pound bag	\$1.00
5-pound bag .....	.35	50-pound bag	1.65
10-pound pkg. .....	.65	100-pound bag	3.00



STIM-O-PLANT

PLANT STIMULANT TABLET

Most modern, efficient and scientific method of fertilizing growing plants.

Contains highly concentrated, immediately available forms of plant food for use in stimulating all forms of plant life.

Can be used in tablet or liquid form.

PRICES

Small package—10 Tablets.....	15 cts.	postpaid, 19 cts.
Medium package—30 Tablets.....	25 cts.	postpaid, 31 cts.
Large package—100 Tablets.....	75 cts.	postpaid, 85 cts.

ARCADIAN SULPHATE OF AMMONIA

A wonderful fertilizer for garden, lawn or orchard. Guaranteed 25 1/4 % of ammonia, the highest test of any fertilizer chemical. Ammonia supplies nitrogen, the most essential plant food. One 2-lb. package of Arcadian contains as much nitrogen as 100 lbs. of stable manure or 20 lbs. of sheep manure. No weed seeds, no odor, no lumps. Does not gather moisture. Always fine and dry. Made in America. Full directions on package.

Prices: 2-lb., .35; 5-lb., .75; 10-lb., 1.25; 25-lb., 2.25; 50-lb., 3.75; 100-lb., 6.00.

Parcel Post Extra.

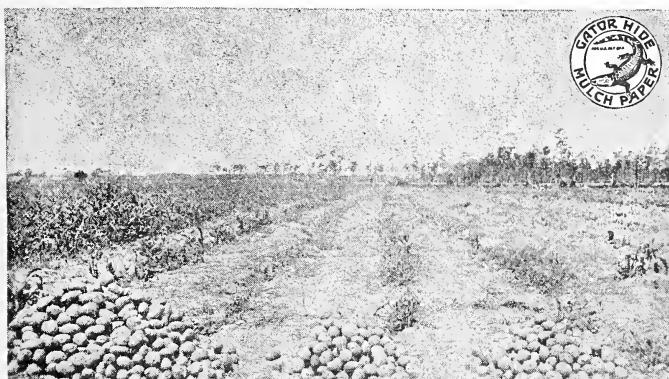


AGRICULTURAL LIME

In 100-pound bags 85 cts. per hundred \$13.50 per ton

LAND PLASTER

In 100-pound bags \$1.25 per hundred \$22.00 per ton
All prices quoted in this catalogue subject to change without notice.



Paper-Mulched Excelsior-Mulched No Mulch

The paper-mulched area yielded 29.2 barrels of prime Potatoes, while the excelsior-mulched and the area not mulched yielded only 7.6 and 8.3 barrels respectively. Plots were of equal area and received the same amounts of fertilizer.

Try Gator Hide in your garden this year on vegetables, berries, melons, shrubs and flowers. Lay the paper, put in your plants or seeds, in accordance with instructions, and, as so many users have expressed it, "Just watch your garden grow." Remember, practically all the weeding that you've been accustomed to is eliminated when you use Gator Hide.

What Growers of Last Year Say

"I used two rolls of Gator Hide Mulch Paper on tomatoes and cantaloupes. As the plants grew, I was not bothered with weeds and a 33½% increase in yield pleased me very much."

"I experimented this season with asphalt paper mulch, with sweet peas for cutting. The results were so satisfactory that I intend using your paper next Spring, with melons, cucumbers, peas, beans, tomatoes, corn and strawberries."

"Tried this in my flower beds and had wonderful results in increasing foliage and size of blooms. Blooms held on plants longer before wilting."

"The size of my dahlia and zinnia blooms has increased 300% and believe the use of Gator Hide Mulch Paper to be the sole cause, as plants grown under the same conditions in the same soil without the mulch have been of only ordinary size."

(Names furnished on request.)

Try Gator Hide Mulch Paper this year. Full instructions furnished with every roll.

RETAIL PRICES

Type A (light weight)

Width	Length	Sq. ft.	Per roll
18 in.	900 ft.	1350	\$3.50
36 in.	900 ft.	2700	7.00

Type B (heavy weight)

Width	Length	Sq. ft.	Per roll
18 in.	450 ft.	675	\$3.50
36 in.	450 ft.	1350	7.00

Discounts on orders of 25 rolls or more.

THE GARDEN PACKAGE

A small roll of Type B paper, of the 18-inch width. Length, 15 yards \$1.00

A special catalogue on Gator Hide supplied on request—FREE.

All prices quoted in this catalogue subject to change without notice.

It's so simple . . . so much easier . . . this better way of growing garden things. Every planter knows that if you can increase the temperature of the soil and prevent cooling at night that active bacterial life is promoted. Every planter knows, too, that if, in addition, you can prevent evaporation of the moisture in the soil you have a combination of growing factors that is bound to produce not only bigger yields but EARLIER yields.



SHERWIN-WILLIAMS DRY POWDERED ARSENATE OF LEAD



This represents the highest development in Arsenical Poisons for Fruit and Vegetable Spraying. Because of its finely divided condition and great fluffiness it mixes with water in the spraying-tank with much less stirring than is necessary when the paste form is used.

Less than half of the powdered form will produce the same, or better results than the paste material.

This is lighter, more finely divided and of greater fluffiness than any other Dry Powdered Arsenate of Lead on the market, consequently is of much greater bulk per pound.

Write for prices.

Arsenate of Lead is a poison and cannot be sent by Parcel Post.

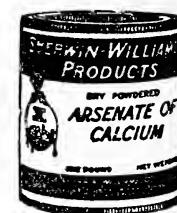
DRY ARSENATE OF CALCIUM

Sherwin-Williams Arsenate of Calcium complies with every government specification covering physical qualities and chemical analysis. It is of especial value applied as a dust in the control of Cotton Boll Weevil.

S-W Arsenate of Calcium comes in dry powdered form and is extremely fine, having a density of not less than 80 or more than 100 cubic inches to the pound. This insures even and economical distribution on the cotton plant. S-W Arsenate of Calcium contains not less than 40 per cent. of arsenic oxide and less than $\frac{3}{4}$ of one per cent. of water soluble arsenic oxide. These qualities insure quick killing of the Boll Weevil without injury resulting to the cotton plants.

Prices on Application.

Poison and cannot be sent by Parcel Post.



STRICTLY PURE PARIS GREEN

For destroying Potato Bugs, etc. In one- or two-pound boxes.

We also carry a good stock of Raynold's Paris Green. Write for prices.

Paris Green is a poison and cannot be sent by Parcel Post.



DRY LIME-SULFUR

The preparation of this Dry Lime-Sulfur is the result of years of research work and is the only Dry Lime-Sulfur on the market. It is not a substitute for Lime-Sulfur Solution, but it is the actual material in dry powdered form.

It is very simple to use as it goes into solution in water almost instantly and spraying operations can be started immediately.

Write for prices.



FUNGI-BORDO

Sherwin-Williams Fungi-Bordo is an extremely fine, fluffy Bordeaux Mixture in dry powdered form. It is made of the best grade of lime and blue vitriol. S-W Fungi-Bordo mixes readily with water and stays well in suspension. It is very effective when applied as a dust.

Fungi-Bordo is a properly balanced Bordeaux Mixture containing equal parts of lime and blue vitriol. When used at the rate of 6 lbs. to 50 gallons of water it will give a 3-3-50 Bordeaux formula—8 lbs. a 4-4-50 formula, 10 lbs. a 5-5-50 formula, and 12 lbs., a 6-6-50 Bordeaux formula.

Sherwin-Williams Fungi-Bordo will control most fungous diseases of apples, pears, cherries, grapes, strawberries, and those of vegetables. The use of Fungi-Bordo eliminates all of the inconvenience connected with the making of home-made Bordeaux. It is better than commercial paste Bordeaux Mixture because it is more easily mixed with water, will not deteriorate, and is more effective in the control of fungous diseases.

Prices on application. Poison, cannot be sent by Parcel Post.



All prices quoted in this catalogue subject to change without notice.

PYROX*For the Control of Insect and Plant Diseases*

Pyrox has been known for years as the handiest and most efficient spray material made. No fuss, muss or guesswork. Mix the smooth, creamy paste with water. Stir, and you have a perfect mixture that sprays, mist-like, through finest nozzles. Pyrox is economical and handy to use. Ideal for the home gardener and truck farmer. Use Pyrox especially for potatoes, other vegetables, small fruits and rose bushes.

PRICES

1 lb.	\$.50	25 lbs.	\$ 6.25
5 lbs.	1.75	50 lbs.	10.75
10 lbs.	3.00	100 lbs.	15.50

Ask for the Pyrox Spray Guide

**NICOTINE SULPHATE—40% NICOTINE**

This is the insecticide that is so highly recommended by Experiment Stations. It destroys Aphis (plant lice), Thrips, Leafhoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage.

May be combined with other sprays. Highly concentrated.

PRICES

1 oz. makes 6 gallons spray	\$.35
½ lb. makes 40 to 120 gallons spray	1.25
1 lb. makes 80 to 240 gallons spray	2.50
2 lbs. makes 240 to 500 gallons spray	3.75
5 lbs. makes 400 to 1000 gallons spray	7.00
10 lbs. makes 1000 to 2500 gallons spray	11.85

Black Leaf 40 is a narcotic poison and cannot be sent by Parcel Post.**CORROSIVE SUBLIMATE**

For treating seed potatoes before planting, to prevent scab, etc.

Price, $\frac{1}{4}$ pound \$.85

Full directions sent with every package.

POWDERED HELLEBORE, STRICTLY PURE

For destroying Rose Slugs, Currant Worms and Insects on Berries, Bushes, Plants, Shrubs, etc.

Prices: $\frac{1}{4}$ lb. pkg., 20 cts.; $\frac{1}{2}$ lb. pkg., 35 cts.; 1 lb. pkg., 65 cts.

Hellebore is a poison and cannot be sent by Parcel Post.

SULPHUR Used to prevent mildew in grape vines, plants, etc. Valuable to use about the stable and poultry houses.

Price per pound, 8 cents; per 100 lbs. \$6.00

SULPHATE OF IRON*The Great Weed Destroyer*

By spraying with Sulphate of Iron you can eradicate wild Mustard, Wild Radish—better known as Kale—and Wild Turnip from your grain fields.

Price, per 100-lb. bag \$2.25

Send for Descriptive Circular telling when and how to use it.

DERRISOL

Is an ideal non-poisonous, odorless, contact insecticide, which growers will find exceptionally efficient for the control of aphides, plant lice, flies, green flies, leafhoppers, thrips, red spiders, and many other soft-bodied sucking insects, as well as some small leaf-eating larvæ, such as cabbage worms, and saw fly larvæ.

Write for prices.



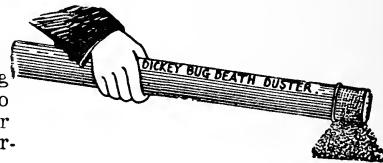
BUG DEATH

Bug Death is a very tenacious powder which has been used for over twenty years by practical farmers and gardeners on potato, squash, cucumber, and melon vines, tomato and cabbage plants, rose and berry bushes and shrubs of all kinds.

It is non-poisonous, does not contain any arsenic or other poisons. It is absolutely harmless to animal life. Can be used as a spray in water or dusted on the vines dry as desired.

Dickey Bug Death Duster

For applying Bug Death dry to small flower or vegetable gardens.



B-D SIFTER

For applying Bug Death dry to large fields. A very effective and distinctly economical method.

Easy to operate and gives quick covering to all plants and vines requiring a top application.

PRICE LIST

1-lb. package	\$.20	100-lb. package	\$10.00
3-lb. package .....	.50	Dickey Duster .....	.50
5-lb. package .....	.75	B-D Sifter .....	.75
12½-lb. package	1.35		

Send for Circular giving full directions for using Bug Death.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 7 cts. extra to price of 1-lb. package; 10 cts. to 3-lb.; 12 cts. to 5-lb.; 21 cts. to 12½-lb.; 9 cts. to Dickey Duster, and 14 cts. to B-D Sifter for postage.

CUT WORM KILLER

A coarse powder for sprinkling in proximity to the vegetation to be protected. Cut worms prefer this killer as a food to vegetation and when eaten by them death results. Dead cut worms will be found wherever there is any and this compound is used. It is non-poisonous to animals, except in large quantities.

PRICES

1 pound	\$.40	5 pounds	\$1.50
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COOPER'S SHEEP DIPPING POWDER

The best known preparation for destroying ticks on sheep, stopping the fly, preventing and curing the scab, promoting the growth of wool and improving the appearance and condition of the flock.

Price, per packet, 50 cents. Cooper's Sheep Dipping Powder is a poison and cannot be sent by Parcel Post. Will make 25 gallons of wash.



COPPER SULPHATE

For making Bordeaux Mixture. Write for price.

FISH OIL SOAP WITH TOBACCO

Makes an excellent wash for Trees, Rose Bushes, and Plants, destroys insects and their eggs. Price, per pound, 50 cents.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 8 cents extra for postage.



SEMESAN BEL

At least 50% of all seed potatoes planted in this country carry disease in some form or other. Even the use of certified seed does not insure against disease. Semesan Bel now offers a rapid, effective potato disinfectant which eliminates the disadvantages of old-fashioned methods. Just mix Semesan Bel with water, dip your potatoes, drain and plant. No time-consuming soaking necessary. Semesan Bel may be used with cold water. Harmless to sprouted potatoes. One man can treat from 200 to 400 bushels of potatoes per day. Generally controls such destructive seed-borne diseases as scab, rhizoctonia and black leg. By protecting the seed piece against rotting caused by certain soil-borne organisms, it frequently promotes more uniform germination of seed pieces and often improves the stand and vigor of the plants. One pound treats 16 to 22 bushels of seed potatoes.

Write for prices.



*Treat seed potatoes by the effective instantaneous
Semesan Bel dip method*

SUNOCO SELF EMULSIFYING SPRAY

CONCISE FACTS ABOUT SUNOCO SPRAY

Distilled—Not Compounded. Sunoco is not a miscible oil. It is a product of distillation from petroleum products without addition of animal or vegetable oils, fats or soaps. It is approximately a "petroleum soap."

No Deterioration. Sunoco will not freeze, separate, deteriorate, nor change its character in original form, even after years of standing.

Always Uniform. Sunoco is manufactured in but one plant in the world and being a product of distillation, is uniform in quality.

Contains No Water. Sunoco is 100 per cent. petroleum product, containing no added water. Below zero temperatures will not freeze it.

Mixes Readily. Sunoco is ready to mix with hard or soft water, even ice water, and forms a permanent, non-separating emulsion.

Mild—Non-Corrosive. Sunoco is pleasant to use. Will not irritate the skin or injure clothing. It lubricates spray machinery. It is widely used by many cities for street and park tree spraying.

FLY-TOX

The most effective insecticide known for the killing of flies, moths, mosquitoes, roaches, bed-bugs, ants, and other insects. Harmless to humans and animals and will not stain the finest fabrics. It has a pleasant odor and is very easy to use.

1/2 Pints	\$.50
1 Pints .....	.75
1 Quarts	1.25
1 Gallons	3.50

Parcel Post Extra.





Use **EVER GREEN**
NON-POISONOUS INSECTICIDE
to
PROTECT YOUR GARDEN

Effective—EVER GREEN has double-action. It kills insects that suck leaves and stems, and those that chew foliage—practically every insect that the home gardener is likely to encounter.

Safe—EVER GREEN is absolutely non-poisonous to humans, animals and birds. Even children may safely mix and apply. No danger from eating fruits or vegetables that have been sprayed with EVER GREEN.

Non-Injurious—EVER GREEN may be sprayed on most delicate plants or blooms without slightest fear of burning or discoloration. Principal killing agent is pyrethrum. Will not destroy fertility of soil.

Pleasant to Use—EVER GREEN has a pleasant odor suggestive of fresh cedar. Does away with all the disagreeable phases of spraying.

1 oz. Bottle—\$.35 6 oz. Bottle—\$1.00 16 oz. Bottle—\$2.00

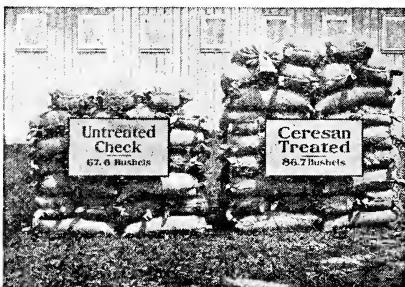
CERESAN

Protect Your Grain Profits
Increase Your Crop Yields
with **CERESAN**

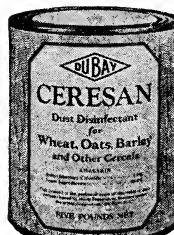
Why lose part of your grain crops through smuts and other seed-borne diseases? Prevent these diseases and protect your profits by treating all seed grains with Ceresan before sowing. Effective in controlling stinking smut and seed-borne flag smut of wheat; seedling blight of cereals caused by seed-borne scab; smuts of oats; covered smut and stripe of barley; kernel smuts of sorghums and millets; and seed-borne stem smut of rye. Seed may be treated in spare time. Ceresan is harmless to seed and does not injure grain drills. Use 2 oz. per bushel of seed wheat, rye, sorghums or millets; 3 oz. for oats and barley.

The only
seed treat-
ment you
need for
Wheat
Oats
Barley
Rye
Sorghums
Millet

1 lb.	\$.75
5 lb.	3.00
25 lb.	12.50



Ceresan increased this oats yield 19.1 bushels per acre and gave perfect smut control.



STERLINGWORTH POULTRY CHARCOAL

PREPARED ESPECIALLY FOR POULTRYMEN

We have had this Charcoal put up for us to meet the demand for an evenly graded Charcoal, free from dust and useless dirt, and offer it as the best Poultry Charcoal manufactured.

Charcoal aids digestion, promotes health, and is generally corrective of many of the poultry ills to which fowls are heir. A little Charcoal goes a long way and is worth its weight in gold. It is put up in three sizes—Fine: For Brooder Chicks, Dry Chick Mixtures and Mash Foods. Medium: For Half Grown Fowls, Pigeons, etc. Coarse: For Full Grown Fowls, Geese, Turkeys, etc.

Price, per 50-pound sack \$1.35

MICA CRYSTAL GRIT

For Poultry, Chickens, Pigeons, Ducks, Turkeys, Geese and Birds

The only Grit containing the elements essential to the good health and egg-producing qualities of the feathered tribe.

Price: 100-pound bag \$1.25

Cracked Poultry Bone

100-pound bag \$5.00

Bone Meal for Poultry and Cattle

100-pound bag \$5.00

Ground Meat Scraps
100-pound bag Write for prices

Ground Oyster Shells
100-pound bag \$1.35

Opal Nest Eggs
Per dozen 40c; postpaid, 45c

Water Glass

For Preserving Eggs

Directions for use on each package.

Prices: 1-pint can 20 cents
1-quart can 30 cents

If send by Parcel Post add 10 cents to price of can for postage.

FRENCH POULTRY KILLING KNIFE
+ CYPHERS PATTERN +

Every poultry raiser should have one of these killing knives. They are made of finely tempered instrument steel, with nickel handle; will last a lifetime. Price, postpaid, 65 cents.



French Poultry Killing Knife

Village Blacksmith P'lt'y Kill'g Knife
Large wood handle, with three-inch finely tempered high-grade steel blade.

On account of the size of the handle it is very convenient to use

Price 50 cents, postpaid

KEEP'S-'EM-FRESH EGG PRESERVATIVE

This is a standard article that has been on the market for years. Eggs preserved in this liquid will keep absolutely fresh for a year and longer. Full directions for use come with every can. One can sufficient for from 20 to 25 dozen eggs.

Price, per can, 30 cents.

If sent by Parcel Post to any point within 150 miles from Bangor, add 12 cents extra for postage.



Pettey's Perfect Pocket P'lt'y Punch

This is all steel and nickel plated. Punches a clean hole of the right size, and will not bruise the chick's foot.

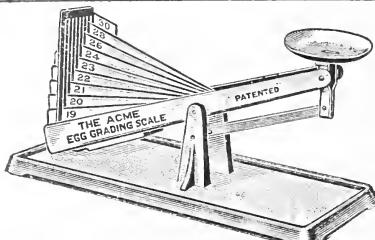
Price, postpaid 30 cents

The Acme Egg-Grading Scale

AUTOMATIC—ACCURATE—CONVENIENT

Graded eggs mean a higher market value.

Price, postpaid \$3.00



INTERNATIONAL STOCK FOOD TONIC

Three Feeds for One Cent

BIGGER LIVE STOCK PROFITS

For Cows, Horses, Hogs and Sheep

You can greatly increase the flow of milk of your cows, get better and more work out of your horses, and rapidly increase the weight of your hogs and sheep through the use of this food tonic.

FOR COWS, it causes the nutritive elements of their grain feed to be assimilated and thereby provides more milk and butter fat.

FOR HORSES, it enables them to more perfectly digest and assimilate their food, thereby preventing a great waste of grain passing through the system unassimilated. This means greater strength and endurance.

FOR HOGS, it causes all feed given them to assimilate into the system, which causes extra weight.

In packages, 25 cents, 50 cents, \$1.00; 25-pound pails, \$3.00.

If sent by Parcel Post to any point within 150 miles from Bangor, add 8 cents to price of 25-cent package, 12 cents to price of 50-cent package, 15 cents to price of \$1.00 package, and 32 cents to 25-pound pail.

INTERNATIONAL POULTRY TONIC

Make more money with your poultry by using International Poultry Food Tonic.

Helps to make hens lay more eggs and helps to keep poultry healthy.

In packages, 25 cents, 50 cents, \$1.00.

If sent by Parcel Post, add same rates as given on International Stock Food Tonic.

INTERNATIONAL LOUSE KILLER

A dry powder for killing all forms of insect life and lice on poultry and animals. It is reliable, safe and sure. Price 25 cents

If sent by Parcel Post to any point within 150 miles from Bangor, add 8 cents extra for postage.

WIRE NESTS

Easy to Keep Clean, Vermin-Proof, Indestructible

These nests are strongly made from coppered wire reinforced with coppered steel ribs, and will last for years. They are intended to fasten to the wall with screws or screw hooks. There is no room for lodgment of lice or vermin of any kind; they are easy to keep clean, and are far superior to wooden boxes.

Price, 30 cents each, \$2.75 per dozen.

If sent by Parcel Post to any point within 150 miles from Bangor, add 8 cents each or 18 cents per dozen for postage.

C. G. S. FOLDING POULTRY CRATE

Unequalled—Strong as a Steel Box

Frame reinforced by spring steel wires that are difficult to bend or kink, and cannot be crushed when full of birds and stacked.

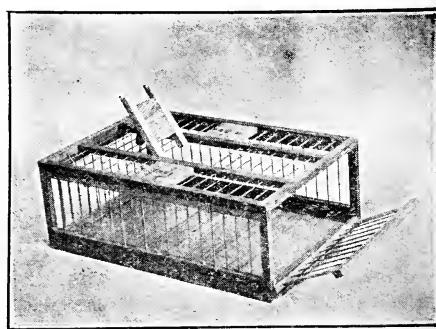
This crate opens at the top for removing one bird at a time, or end gate can be opened outward, thus discharging a crate full of birds at one time.

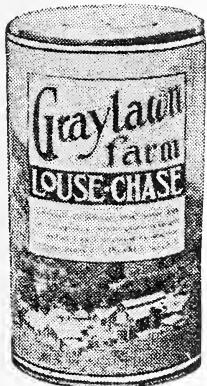
When empty this crate is folded inward, and is securely locked, making a very compact package for shipment which is a great saving in freight or express.

Easily cleaned—weight 21 lbs.

Price \$3.25

By express or freight only





GRAYLAWN FARM LOUSE-CHASE

For all farm animals. "Kills the lice or costs you nothing."

SURE—SAFE—ECONOMICAL.

Guaranteed to kill if used as directed.

PRICES

Small package	\$.40	Large package	\$1.00
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If sent by Parcel Post to any point within 150 miles from Bangor, add 8 cents extra for postage.

MASTER BREEDER CHICK BOXES

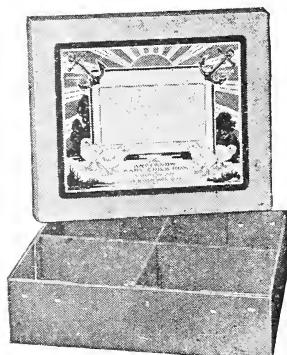
The Master Breeder Chick Box is made according to the standards of the International Baby Chick Association and is the result of consultation with successful hatchery men in all parts of the country covering their experience with thousands of shipments and hundreds of thousands of chicks. This box is the safe, sure way to ship chicks.

Put up complete with staples in lots of one dozen.

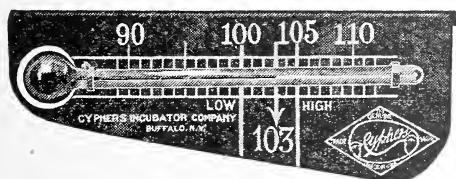
	Each	Doz.
25 chick size	20c	\$1.65
50 chick size	25c	2.00
100 chick size	35c	3.00

Quantity, price on application.

Add 25c postage for 1 doz. 50 boxes, and 18c postage on 1 doz. 25 boxes. The larger size sent by express collect.



CYPHERS INCUBATOR THERMOMETERS



These thermometers are thoroughly and expertly tested before leaving the factory.

Price, 90c each. By Parcel Post, postpaid, 95c each.

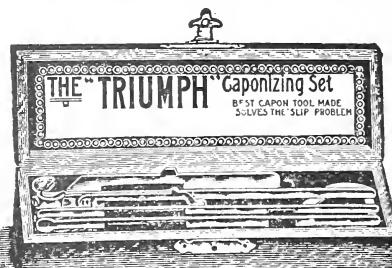
CYPHERS BROODER THERMOMETERS

Price, 90c each. By Parcel Post, postpaid, 95c each.

THE TRIUMPH CAPONIZING SET

There is no doubt in the minds of up-to-date poultrymen as to the advantages of caponizing. The operation is very simple. With a "Triumph Caponizing Set" anyone can perform it with safety and thoroughness.

Price, postpaid, per set\$3.50



THE COLLINS OAT SPROUTER

A very practical, quick-growing, perpetual, sectional, fireless oat sprouter.

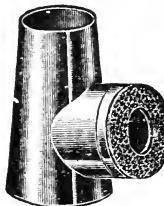
It is made up of 8 pans, 7 perforated and 1 drip pan. The size of the pans is 11 inches by 15 inches and 1 $\frac{3}{4}$ inches deep.

Made of high-grade, thoroughly galvanized steel. One pan for each day in the week and a drip pan at the bottom.

Put up in corrugated cardboard cartons, 16 inches by 11 $\frac{3}{4}$ inches and 4 inches deep. Very quick and easy to set up.

Price \$4.25

If sent by Parcel Post to any point within 150 miles from Bangor, add 20 cents extra for postage.



X-RAY EGG TESTER

Made of the best block tin and designed to use on any hand lamp.

Price, 50 cents each.

If sent by Parcel Post to any point within 150 miles from Bangor, add 5 cents extra for postage.



Double Clinch

LEG BANDS

Made in five sizes. No. 1, for Bantams and small Mediterraneans. No. 2, for Mediterraneans. No. 3, for American females, double clinch. No. 4, for American males, Asiatic females, small turkeys. No. 5, for Asiatic males and turkeys. Made of aluminum with large raised numbers.

Prices Postpaid: 18c per 12; 30c per 25; 50c per 50; 90c per 100.

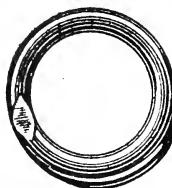
LEG BANDS

Flat colored aluminum bands with the numbers in black on the colored ground. Furnished in red or blue, numbered from 1-100. Adjustable to any size fowl.

Prices: 30c per 12; 60c per 25; \$1.75 per 100.



Colored Leader



COLORED SPIRAL LEG BANDS

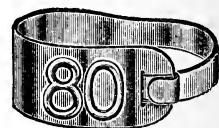
These leg bands are made in ten different colors (Amber, Black, Buff, Dark Blue, Light Blue, Pink, Ruby, Red, White and Green), which will not fade, and which, with two colors per bird, will give over three hundred combinations. They are light as a feather, will last indefinitely and are easily put on and taken off. These bands are made in five sizes: No. 1 for Asiatic, large fowl and turkeys. No. 2, American breeds. No. 3, Mediterranean breeds. No. 4, Pigeons. No. 5, day-old chicks.

Prices: Postpaid, 18c per 12; 30c per 25; 50c per 50; 90c per 100.

LEADER ADJUSTABLE LEG BANDS

Made from polished aluminum with strong and secure fastener. Made in two sizes: No. 1, for Bantams, Mediterraneans and American females. No. 2, for American males and all large breeds, including Turkeys.

Prices: Postpaid, 18c per 12; 30c per 25; 50c per 50; 90c per 100.



COD LIVER OIL

For Poultry

1 gallon cans \$2.00

Parcel Post Extra

All prices quoted in this catalogue subject to change without notice.

QUEEN CITY EGG CASE

Complete with Fillers

The Most Popular Egg Case in the Market with Patent Hinges and Fastener.

Made of selected lumber and very thoroughly made—very strong and durable.

These Egg Cases are made to conform to the Express Companies' requirements, having *Extra Deep Fillers* to accommodate extra large eggs, and *Safety Cushion Egg Flats* to prevent breakage.

PRICES COMPLETE—*Each*

*With Fillings and Safety Cushion
Egg Flats*

30 dozen, \$2.50	15 dozen, \$1.85
8 dozen, \$1.35	

If sent by Parcel Post to any point within 150 miles from Bangor, add 13 cts. to the price of the 8-dozen case, 20 cts. to the price of the 15-dozen case, 30 cts. to the price of the 30-dozen case, each extra for postage.

FILLINGS—*Per Set*

30 dozen, \$.55	15 dozen, \$.30
8 dozen, \$.25	

If sent by Parcel Post to any point within 150 miles from Bangor, add 9 cts. to the price of the 30-dozen set, 8 cts. to the price of the 15-dozen set, 8 cts. to the price of the 8-dozen set, each extra for postage.



BANNER ROOT CUTTER

Number 7—*Exclusively for Poultry*

It cuts fast and is easy-running. Leaves the feed in fine, brittle, ribbon-like strips that make choking impossible. Fowls large or small can safely eat the feed. The knives are adjustable and made of the very best of steel. An iron gate in bottom of hopper lets dirt and gravel escape before reaching the knives. In this cutter we offer the poultrymen a low-priced, high-grade, nicely-finished and mechanically constructed machine, and feel that anyone who desires to feed roots and vegetables to their flocks can well afford to own one. Two to five minutes will cut enough feed for a large flock of fowls.

Price \$9.00

GALVANIZED POULTRY NETTING

Because straight line poultry fence is made of one set of continuous wires, running parallel, it can be easily stretched between posts and can be used without rails or boards at top or bottom. It does not sag.

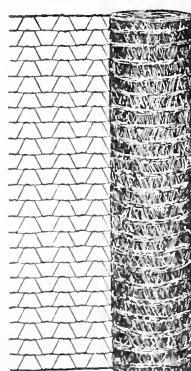
The horizontal wires are woven with a slight curve to allow for stretching in the process of erection and also to meet the contraction caused by weather. We carry this Netting in stock in the following widths:

1-inch Mesh

12, 18, 24, 30, 36 and 48 inches wide.

2-inch Mesh

12, 18, 24, 30, 36, 42, 48, 60 and 72 inches wide.



Sold in full rolls of 150 lineal feet only. Write for prices.

All prices quoted in this catalogue subject to change without notice.

WORM YOUR FLOCK THIS BETTER WAY

The Gizzard Capsule Takes the Worm Medicine to the Worms

The GIZZARD CAPSULE is insoluble. This feature is protected by U. S. patent and no other manufacturer has a right to make an insoluble capsule for worming poultry.

Worm medicine contained in this insoluble capsule cannot mix with food in the crop. It is carried clear through to the gizzard. In the gizzard the insoluble capsule is crushed, like a grain of corn, and the medicine, in correct dose and FULL STRENGTH, pours directly into the intestines upon the worms. Five times as effective as worm medicines given in the food or released in the crop, and far better for the bird.

No previous preparation required; no dieting, starving or long course of treatment. Contains a triple combination medicine—for Tape, Round and Pin (ceca) worms.

More than 100 million used last year.

Adult Size—50-capsule pkg., \$1.00; 100-capsule pkg., \$1.75; 250-capsule pkg., \$4.00; 500-capsule pkg., \$7.00.



The GIZZARD CAPSULE

REG. U. S. PAT. OFF.



LEE'S LICE KILLER

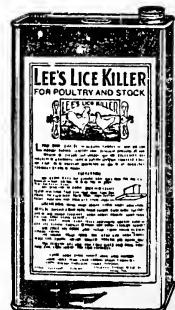


Kills the Lice

Lee's Lice Killer has been the standard poultry house insecticide for thirty years. When applied full strength upon the walls, with special liberality on roosts, in nest boxes and in all cracks, crevices and end joints, about the roosting and nesting places, it will not only rid the house of mites but keep it free from mites for six months.

To keep the fowls free from lice, fasten a twelve-inch board to the bottom of each roost and once a month apply Lee's Lice Killer full strength to the surface of the board and the roost as well. It works while you sleep and saves all the labor of catching, powdering or individually treating for lice. See directions on each can.

Inexpensive and easy to use. One gallon can, \$1.50, sold on a guarantee of satisfaction or money back.



All prices quoted in this catalogue subject to change without notice.



Most of the ailments of poultry are directly traceable to crop and intestinal infections. Bacteria and germs constantly are being taken with the food, picked up from ground and floor, and with droppings and other such contamination. Merely purifying the water is not enough. The action of the disinfectant or purifying agent must continue in crop and intestines.

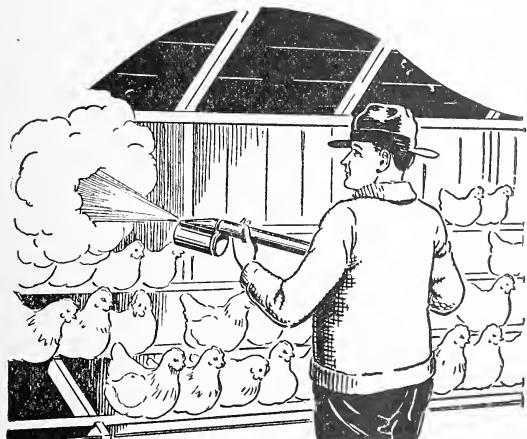
That is why Germozone is such a success. Germozone contains 5 ingredients. This combination in Germozone is devised so that it releases the antiseptic in the crop and intestines. There is nothing else that will do this.

Baby chicks, especially, need Germozone. Chicks are even more susceptible to disease than are fowls. With Germozone, you can avoid the crop and bowel infection and diarrhoea that the germs and bacteria so surely bring on.

Use Germozone also as a treatment. It is the most effective medicine ever devised for Swelled Head, Limber Neck, and other similar ailments of the nasal passages and of the mucous membrane lining of the alimentary tract.

12-oz. bottle, 75c; qt., \$1.50; gal., \$4.50. Johnson's Poultry Ranch, Bowie, Tex., world's largest poultry farm, orders Germozone in 50-gallon lots. Save money—save your birds. Put Germozone regularly three times a week in the drink, for all of your birds.

LEE'S VAPO-SPRAY



Vapo-Spray is a compound of healing oils. It is simply wonderful for the treatment of Colds and respiratory troubles which occur very frequently among poultry during the late Fall and Winter months. It's so simple and easy to use. Just spray it in the air of the poultry house at night, using a common hand spray pump, such as is used in spraying fly oil on a cow. The chickens breathe the vapors given off, which produce almost instantaneous relief. Its simplicity appeals to everyone. The laborious task of catching and individually treating several hundred birds, as required by other methods, is avoided. The entire flock can be treated as easily as one bird.

Put up in quart, half gallon and gallon cans.

Stops That Cough

DR. HESS POULTRY TABLETS

This roup remedy is administered to fowls in their drinking water. The fowls take their own medicine. This is almost the only method by which it is practical to cure roup. No poultryman can afford to be without this cure.

It is guaranteed to relieve roup when it is used according to directions, except where the fowls are in the last and incurable stages of the disease.

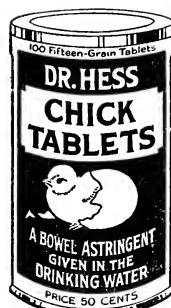
PRICES, Postpaid

Package	50 cents
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DR. HESS WORM VERMITOL POWDER

PRICE, Postpaid, 4-lb. pkgs.	\$1.35
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DR. HESS CHICK TABLETS

A Certain and Guaranteed Remedy for Bowel Trouble and White Diarrhea in Young Chickens and Scours in Fowl and Pigeons.

A positive cure and preventive for White Diarrhea seems too good to be true, for this scourge has driven more poultrymen out of business than any other disease. Millions of chickens die yearly from this trouble, which could be saved if Dr. Hess Diarrhea Remedy was used. Poultrymen should not wait until their chickens become diseased, but should use it as a preventive. It does not stunt the chicks or cause them to stop growing, but aids them to become strong and healthy. It is used in the drinking water. The chickens and fowl take their own medicine.

It is sold under a positive guarantee to give satisfaction, or purchase price is refunded. Each package contains sufficient remedy for treating several flocks. Full directions on each package.

PRICE, Postpaid, 5-oz. Package	50 cts.
--------------------------------------	---------

DR. HESS INSTANT LOUSE KILLER

This is a scientifically compounded powder for killing all forms of insect life on fowls and is equally good for destroying lice on cattle and horses, ticks on sheep and fleas on dogs. It is different from many of the so-called Lice Powders on the market, inasmuch as instead of driving the lice from the fowl's body, it kills them. While it is sure death to all kinds of insect life generally afflicting fowls and animals, it is harmless when used according to the plainly printed directions on each package.

PRICES

16-ounce package, 25 cents	40-ounce package, 50 cents
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If sent by Parcel Post to any point within 150 miles of Bangor, add 8 cents to price of 16-ounce package, and 12 cents to price of 40-ounce package each extra for postage.



LAMBERT'S DEATH TO LICE

A cheap, effective and harmless powder for killing lice on poultry, horses, cattle, etc. It is especially recommended for lice on laying and setting hens, it will not injure the eggs, hens or chicks.

PRICES

15-ounce package, 25 cents	48-ounce package, 50 cents
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If sent by Parcel Post to any point within 150 miles of Bangor, add 8 cts. to price of 15-oz. pkg. and 12 cts. to price of 48-oz. pkg. extra for postage.

All prices quoted in this catalogue subject to change without notice.

HEALTH PAINT

A Disinfectant White Paint

Health Paint is a white paint and a powerful disinfectant in powder form. Ready to use when mixed with water. Easily and quickly applied to wood, brick, stone, cement, etc., and over whitewash. One pound will cover 100 square feet. Prevents the start and spread of contagious diseases among poultry and other live stock. An effective aid in getting rid of lice and other parasites. You can spray it, brush it or dust it. Will not clog a sprayer. Doesn't spoil by standing, is always ready, and retains its strength. It dries out a pure white, and does not blister or flake off.

5 Pounds	\$.75
10 Pounds	1.25
50 Pounds	5.00

Parcel Post Extra



FOR ROUP, CANKER, WHITE DIARRHEA

Fed in drinking water—kills the germs. No Poison—Clean. The new and better way to prevent poultry diseases. Leading poultrymen and authorities recommend it.

ASK FOR BULLETIN 213

4 Ounces	\$.35
10 Ounces .....	.60
Quarts	1.25
1 Gallon Jugs	3.00
5 Gallon Jugs	12.50

If sent by Parcel Post add 15 cents to price of qts. and 25 cents to price of gallons. Five gallons by express or freight only.



DR. HESS POULTRY PAN-A-MIN



Pan-a-min has been known to poultry raisers for more than 30 years as Dr. Hess Poultry Pan-a-ce-a.

It is now a greatly improved product. More minerals have been added. It contains new medicinal ingredients, and other active ingredients in different proportions. The improved product has been given a new name. Dr. Hess Poultry Pan-a-min means Pan-a-ce-a plus.

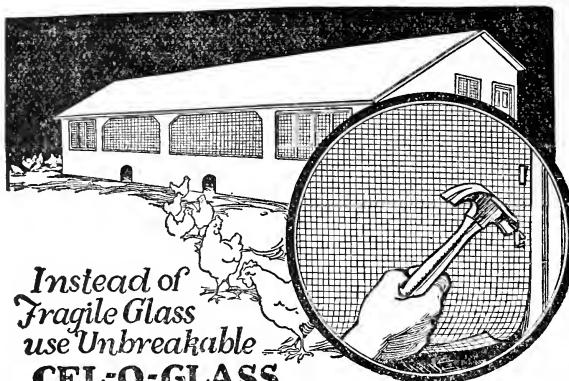
Pan-a-min is of high value to moulting hens, in egg production, in reducing chick mortality, in bone and feather growth and in maintaining health.

It does not take the place of feed and no feed can take the place of Pan-a-min. The cost is less than a penny per hen per month.

In 100-lb. iron drums and convenient size carton packages.

3-lb. Package	\$.50 each
7-lb. Package	1.00 each
12-lb. Package	1.50 each
25-lb. Pail	2.75 each

Parcel Post Extra

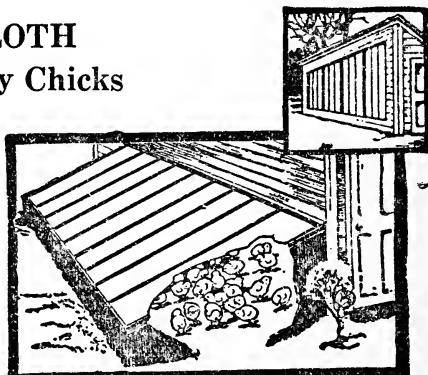


Cel-o-Glass is an unbreakable, durable, weather-proof material that has all the advantages of glass. It is extremely light in weight. It is fastened in place with a hammer and a few tacks. Can be cut to size with an ordinary pair of shears. Comes in 50 and 150 ft. rolls, 36 inches wide. Just the thing for poultry houses, cellars, etc.

Full rolls	\$.14 sq. ft.
Less than full rolls .....	.15 sq. ft.

GLASS CLOTH Makes Healthy Chicks

Glass Cloth is the wonder material used in poultry houses that lets in the sun's ultra-violet rays and prevents rickets, leg-weakness and death loss among baby chicks. (Ordinary glass stops these rays.) Chicks grow very fast and mature early. Used all over the country with wonderful success. Users around here say results are amazing. Come in and see it. Look at a sample. Try it. It is a big poultry profit maker.

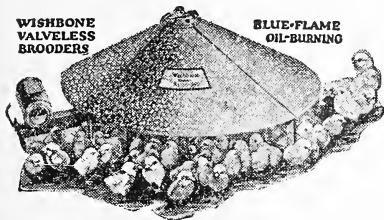


Ideal for Hot Beds



Gardeners everywhere use Glass Cloth because it is so cheap, holds heat so well and gets better results. Makes stronger, hardier plants that transplant better, mature earlier and yield bigger crops. Easy to put up. Let us show it to you. Width, 36 inches.

Full rolls—10, 15, 50, 100 yds. each	\$.35 sq. yd.
Less than full rolls .....	.40 sq. yd.



THE WISHBONE BROODER

**Valveless—Blue Flame
Saves All Worrying About
the Coal Supply**

In some sections it is sometimes difficult to get coal and a good quality of coal, but it is never hard to get kerosene oil.

The Wishbone Oil-Burning Brooder is vastly superior to any type of oil-burning brooder invented, also more convenient and much cleaner than a coal-burning brooder.

This brooder is very simple in construction, having but very few parts and no valves to get out of order, and very simple and economical to operate.

The burner is very powerful, giving a hot blue flame.

Sizes and Prices

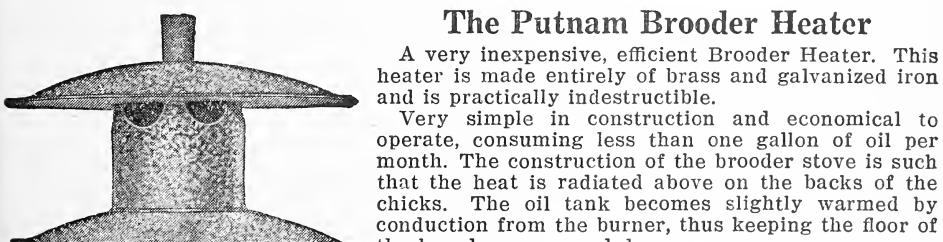
Number 22—with 22-inch canopy—capacity	100 chicks.....	\$12.00
Number 32—with 32-inch canopy—capacity	350 chicks.....	16.00
Number 42—with 42-inch canopy—capacity	500 chicks.....	19.00
Number 52—with 52-inch canopy—capacity	1000 chicks.....	22.00

NEWTON OIL BURNING BROODERS

No. 500—Capacity 200 chicks	\$17.50
No. 501—Capacity 350 chicks	19.00
No. 502—Capacity 500 chicks	21.50

Write for descriptive circular.

The Putnam Brooder Heater



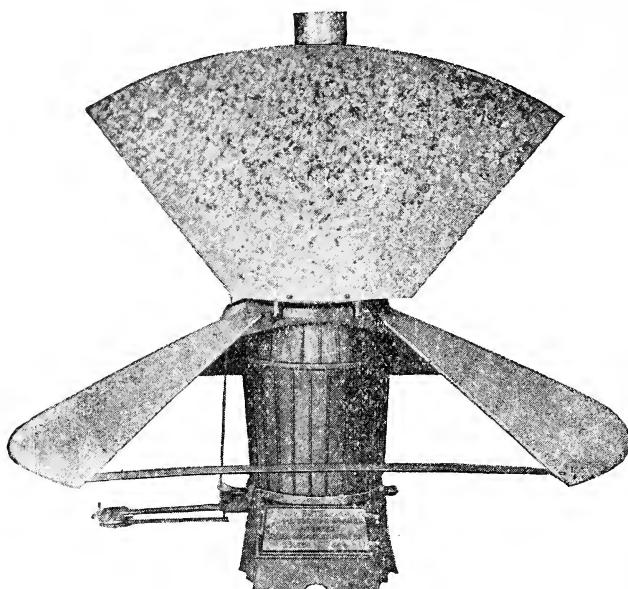
A very inexpensive, efficient Brooder Heater. This heater is made entirely of brass and galvanized iron and is practically indestructible.

Very simple in construction and economical to operate, consuming less than one gallon of oil per month. The construction of the brooder stove is such that the heat is radiated above on the backs of the chicks. The oil tank becomes slightly warmed by conduction from the burner, thus keeping the floor of the brooder warm and dry.

With this Brooder Heater it is a very simple matter to make a Home Made Brooder. Send for plans for building a Home Made Brooder with the use of the Putnam Brooder Heater—mailed free on application.

Price of Brooder Heater, \$4.75 postpaid.

ROYAL COAL BURNING BROODERS



PRICES

No. 5—500 chicks, 52-inch hover	\$15.95
No. 6—1000 chicks, 56-inch hover	19.95
No. 7—1500 chicks, 60-inch hover	26.95

All Royal Brooders are guaranteed to be satisfactory as to material and workmanship and sold on a money back guarantee.

NEWTOWN

Coal Burning Colony
BroodersMADE IN THREE SIZES—A SIZE TO
SUIT YOUR NEEDS

The great time, labor, fuel and chick saver.

The Newtown Colony Brooder has established itself on thousands of poultry plants as an important factor in the successful rearing of chicks.

Newtown Colony Brooder

It has been thoroughly tested by prominent poultrymen, and proven to be the most efficient and economical brooder they have ever used.

The Number 11 and 12 brooders have extra large heat radiators around the top of the heater, also have a smoke box ell at the base of the smoke pipe that keeps all dirt off the damper discs.

These two special features are on the Number 11 and 12 only and not on the Number 7. We recommend the Number 11 size brooder for the average poultryman.

PRICES

No. 7—300 chicks	\$25.00
No. 11—500 chicks	32.50
No. 12—1000 chicks	40.00

Send for circular giving full description of the Brooder.

All prices quoted in this catalogue subject to change without notice.

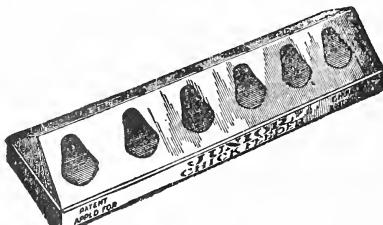
THE JUNIOR CHICK FEEDER

It is practical and sanitary. Will not waste feed. Chicks cannot foul it. Can be used for dry mash, hard grain, sour milk or water. Made in two sizes, 12-inch and 20-inch.

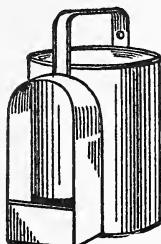
PRICES

12 inch	25 cents
20 inch	40 cents

If sent by Parcel Post to any point within 150 miles from Bangor, add 12 cents each extra for postage.



12-inch Junior Feeder

**GALVANIZED WALL FOUNTAIN**

These fountains are made of the best galvanized iron. They are extra convenient to handle and are more sanitary than the ordinary fountains that stand on the ground or floor. They are flattened on the back so that they can be hung on the wall or against a post.

PRICE

1 gallon	\$.90
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If sent by Parcel Post to any point within 150 miles from Bangor, add 12 cents each extra for postage.

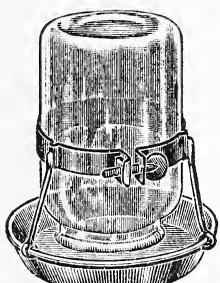
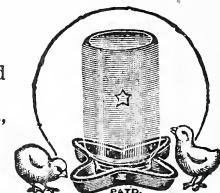
STAR FOUNTAIN AND FEEDER

Very popular, convenient, practical, low in price, and durable. Made of a single piece of heavy non-rusting metal. Can be used for feed or water. Little chicks cannot drown.

Made in one size only, will fit any Mason Jar, in sizes 1 pint, 1 quart and 2 quart.

Price 15 cents each, postpaid

This price does not include the jar.

**FELKER'S HANDY ATTACHMENT**

To be used with any make of Fruit Jar

A PERFECT FEEDER

For Sour Milk, Water, Hard Grain or Grit

The Container is made of aluminum, the only metal in which sour milk can be fed with safety. It is rust-proof and non-corroding. The Handy is adjustable, simple to operate and durable. Everyone has some kind of a quart fruit jar—the Handy fits them all.

Price 25 cts. each Postpaid 35 cts. each

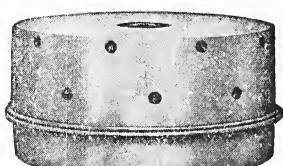
This price does not include the jar.

LITTLE PUTNAM STOVE

This stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of the oil. The oil tank holds three pints of oil. The stove, with any kind of usage, will last a lifetime.

This stove is used under the drinking vessels of the poultry house to keep the water from freezing and as the heat element for oat-sprouter.

Price \$1.95 each, postpaid



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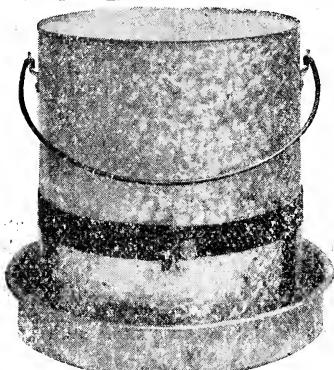
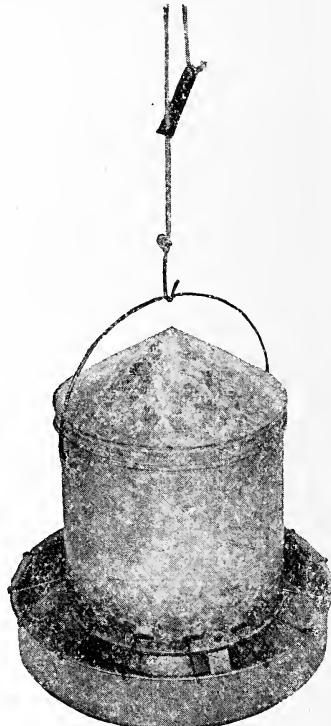
NOS. 332-334 HANGING DRY MASH FEEDER

A Real Feed Saver

A mash feeder designed to be used either hanging or set up off the floor at proper height. Special grid features prevent waste and insure against clogging. Comes equipped with fixtures for hanging. Feeding area about 5 feet in circumference. Made in two sizes with non-roosting covers.

TWO SIZES

No. 332—13 inches high	\$3.00 each
No. 334—18 inches high	4.00 each



NOS. 222-224 "ROUND TABLE" DRINKING FOUNTAIN FOR CHICKENS

This is the well-known "Handy Attachment" principle applied to a larger metal fountain. It provides almost four feet of drinking space and as the chicks approach it in a circle will accommodate far more at one time than the same amount of straightaway space. It has the correct distance between the pan edge and water container. Chicks cannot get into the water.

TWO SIZES

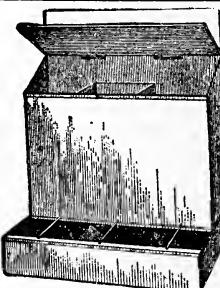
No. 222—3 gallon	\$2.00 each
No. 224—5 gallon	2.50 each

1-2-3 POULTRY FEEDER

For Dry Mash, Scraps, Shells, Grit, Charcoal, or any poultry feed. When used for one kind of feed only take out separator; for two kinds put separator in one end; when used for three kinds, say scraps, shells and grit, put separator in the middle and you have three separate feeders.

PRICE

1-2-3 Poultry Feeder	\$1.35
1-2-3 Grit and Shell Feeder .....	.75



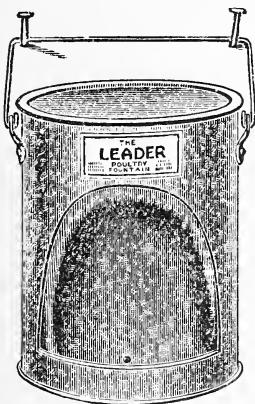
If sent by Parcel Post to any point within 150 miles from Bangor, add 15 cents for postage. All prices quoted in this catalogue subject to change without notice.

From

R. B. DUNNING & CO.,
SEEDS AND AGRICULTURAL IMPLEMENTS,
BANGOR,
MAINE.



FELKER'S AND MOE'S FOUNTAINS AND FEEDERS



No. 200 Leader

Top Section Slides Into Bottom Section

A standard Sanitary Fountain, practical to use, and easy to keep clean. An improved method of manufacture effects a saving of from 30 to 40% over any other fountain of its size.

No. 200—1½-gal.

Nos. 250-252 Open Top Fountain

This fountain provides drinking space as follows:

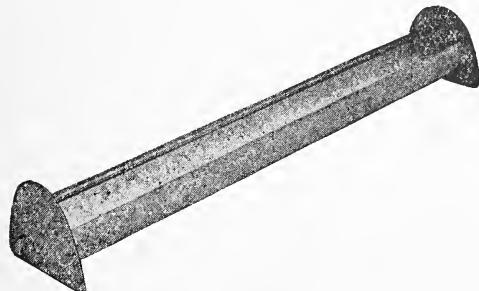
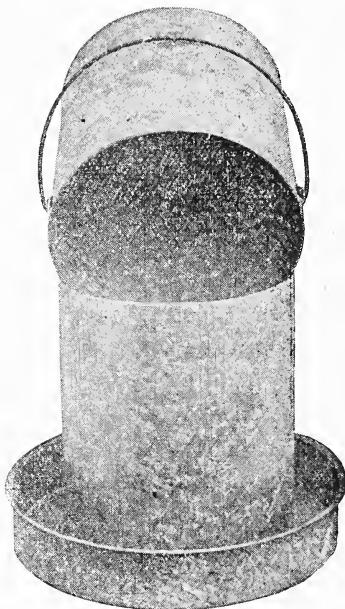
3-gallon size—about 4 feet.

5-gallon size—about 5 feet.

The tank is firmly attached to a heavy, one-piece pan and fills from the top. They are strong and durable.

TWO SIZES

No. 250—3-gallon	\$1.75
No. 252—5-gallon	2.25

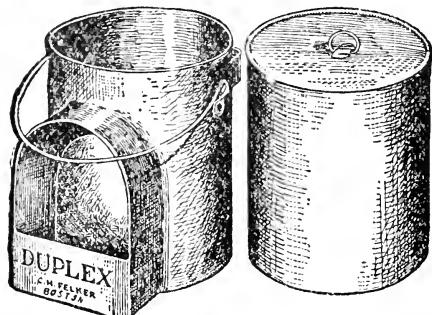


Nos. 328-330

Chick Feeder

A large capacity chick feeder for use throughout the growing season.

No. 328—30-inch	\$.50
No. 330—60-inch	1.00



Nos. 210-212

Duplex Sanitary Fountain

The most practical sanitary fountain on the market. A double wall fount keeps the water pure and clean; easy to care for.

Top Section Slides Into Bottom Section

TWO SIZES

No. 210—1-gallon	\$1.10
No. 212—2-gallon	1.40

Add Extra for Postage.

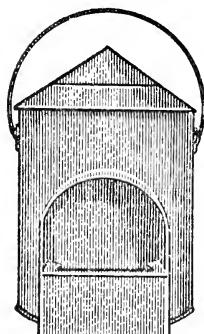


No. 202 Leader Fountain

Top Section Slides Into Bottom Section

A very desirable feature of the 3-gallon "Leader" fountain is the double drinking space it carries. This makes it very convenient for large pens of fowl.

No. 202—3-gallon \$1.35



Nos. 230-232 Insulated Duplex Fountain

Strictly Sanitary

Top Section Slides Into Bottom Section

Keeps Water Warm in Winter.

Keeps Water Cool in Summer.

During cold weather fill with warm water in the morning and it will keep in good drinkable condition during the day. The "Duplex" type of fountain is easy to clean and keep in good order at all times.

TWO SIZES

No. 230—3-gallon	\$4.00
No. 232—4-gallon	4.25

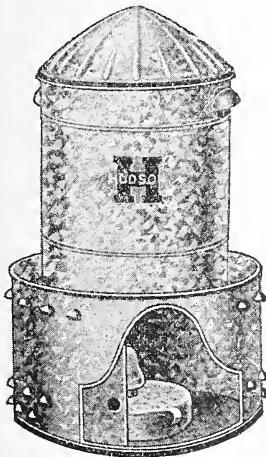
Add Extra for Postage.

HEATED WATERERS

Oil or Electric, Improved

Controlled by float valve arrangement, keeping the water at exactly the right level in the drinking pan. It is as easy to fill as a bucket. The accessibility of the water container or drinking pan makes it very easy to clean. Cone shape top with drop handle prevents roosting. Made of heavy galvanized rust resisting copper alloy steel sheets. Diameter 13 inches. Base 17 inches. Capacity 8 gallons. Height over all 39 inches. Shipping weight K. D. one in carton 30 lbs.

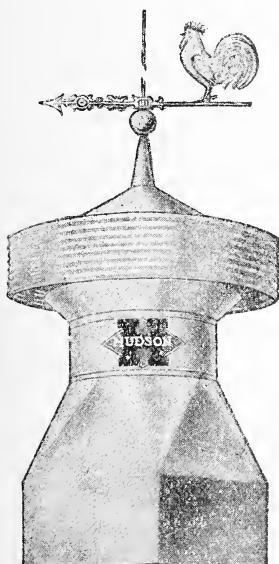
No. 18 Waterer—As shown without lamp. Each	\$6.50
No. 19 Waterer—As shown with single burner flueless lamp. Each	8.00
No. 20 Waterer—As shown. Base insulated and wired with attachment plug and weatherproof socket to receive 75 to 100 watt bulb. No bulb furnished. Each	8.85
Perch and Legs	2.10



Lamp Heated

A five gallon lamp heated waterer for winter or summer use. The fountain is of the double jacket, slip-cover type with drinking pan all the way around. Equipped with valve so that inner tank may be used as a pail or bucket when filling. Fountain designed to be lifted from base to attend to lamp. Cover locks onto inner jacket so this can be lifted either when cover is removed or cover is in place without emptying fountain. Diameter 11½ inches; base 15 inches. Height over all 23 inches. Complete with large Simplex flueless single burner lamp.

No. 05—5 gal. Waterer, 1 in carton K. D. shipping weight 13 lbs. Each\$4.25



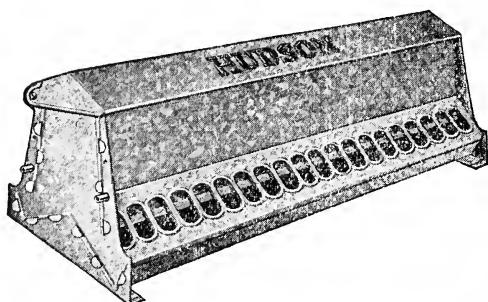
HUDSON VENTILATORS

Scientifically designed ventilator. Has inverted cone construction. Cannot back draft. Used in connection with Hudson Hog House and Hudson Poultry House Ventilation systems.

Furnished without Vane or with Rooster Vane or Hog Vane, as specified.

Cupola	Flue In.	Height In.	Base	List Price With Vane	Price Without Vane
No. H210	10	35	12x12	\$10.70	\$ 8.00
No. H212	12	48	16x16	11.75	9.10
No. H214	14	50	18x18	13.35	10.70
No. H216	16	56	20x20	15.35	12.70
No. H218	18	60	22x22	17.70	15.00
No. H220	20	76	24x24	20.00	17.35

HUDSON GROWING CHICK FEEDERS

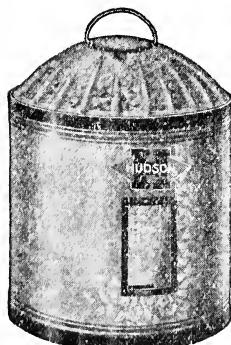
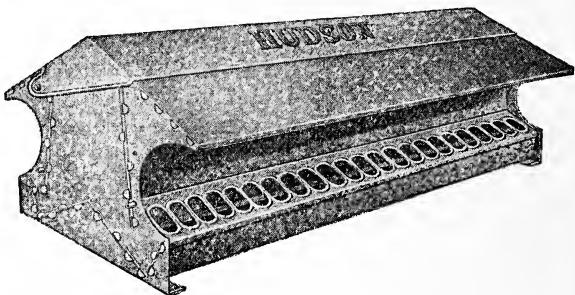


A large capacity feeder for baby chicks and growing birds. Tapered hopper prevents clogging. Hinged grill keeps baby chicks out of feed and prevents waste. For large birds grill can be locked into upper position. Cover hinged. Inside carrying handles strengthen walls. Height 8 inches.

	Price Each
No. CF-36 Feeder, 36 in.	\$1.80
No. CF-48 Feeder, 48 in.	2.25

Extra large capacity feeder for feeding baby chicks and growing birds. Excellent for growing turkeys. One piece side wall and rain shield. Grill can be raised leaving open trough for feeding large birds. Tapered hopper prevents clogging. Feeding trough 12½ inches wide. Height 12 inches. Shipped K. D. 4 in carton. Easily assembled.

No. CF-1B Feeder, 30 in. in length. Capacity 1 bu.
Price, each\$2.70



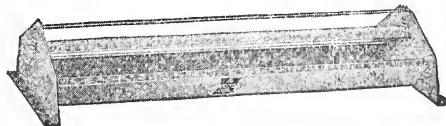
INSULATED WATERER

Packed with a non-conducting material which retains the temperature of the water.

	Price Each
No. PF-2 Waterer. Cap. 2 gal.; 3 in carton	\$2.70
No. PF-3 Waterer. Cap. 3 gal.; 2 in carton	3.15
No. PF-5 Waterer. Cap. 5 gal.; 1 in carton	3.90

Add Extra for Postage.

HUDSON CHICK FEED TROUGH



Suitable for day to six weeks old chicks. Adjustable guard keeps chicks out of feed. Easily filled and cleaned. Shipped K. D. Easily assembled.

No. OF-30—30 inches. Each	\$.50
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No. OF-40—40 inches. Each60
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HUDSON HANDY FILL CHICK FOUNTAIN



Made of heavy galvanized iron. Top has two-way swinging bail for carrying when filled. One piece drinking pan has smooth rolled edges. Easy to fill—easy to clean. Nested for shipment.

Price
Each

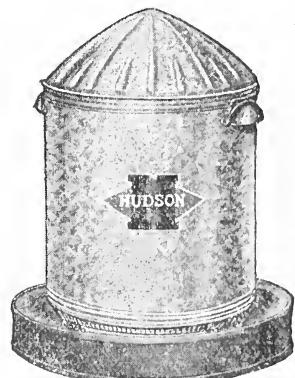
No. C-2—Capacity 2 gal.; weight 15 lbs.	\$1.20
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No. C-3—Capacity 3 gal.; weight 19 lbs.	1.50
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PW6

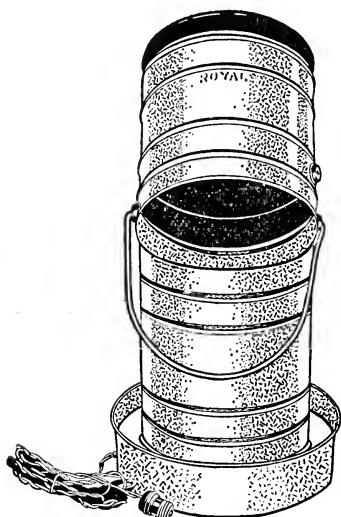
These fountains operate on the thermos bottle principle, keeps water warm in the winter and cool in summer; automatic valve, no cork, plug or adjustment. The PW6 will handle up to 100 birds.

Price, each \$5.40



Add Extra for Postage.

ROYAL ELECTRIC FOUNTAIN



This series of fountains, which is of the same pattern as our No. 203, No. 205 and No. 208, is equipped with extension bottom and a 50-watt heating unit fastened to the bottom pan of the fountain. 1.2 kilowatts of electric current is all that is required for 24 hours continuous operation. Guaranteed to keep water from freezing in temperatures down to zero. Furnished complete with 10 ft. of cord and screw plug.

No. 223—Capacity 3 gal. Price, each \$4.00
 No. 225—Capacity 5 gal. Price, each 4.50

ROYAL ONE GALLON GALVANIZED FOUNTAIN

Base pulls off to fill. Pressure of air and grooves in pan hold weight of water and fountain may be carried by handle without spilling. Easily cleaned.

No. 30—Capacity 1 gal. Price, each \$.50



BOTTOM FILLED FOUNTAINS



Made in three sizes from heavy galvanized iron. A good, inexpensive fountain. Two-piece cone shape, neatly striped with green around top.

Easily filled and cleaned.

No. 25—1 quart. Price, each	\$.25
No. 50—2 quart. Price, each .....	.35
No. 75—1 gallon. Price, each .....	.45

Add Extra for Postage.

ROYAL JAR FOUNTAINS

Standard Mason Jar Fount

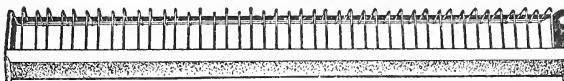


Three materials, heavy galvanized iron, blue enameled steel or Charcoal Tin. Very substantial pan; electric welded center. Glass jars not furnished.

	Price Per Doz.	Price Each
No. 0—Galvanized	\$1.00	\$.10
No. 00—Charcoal Tin	1.20	.15

ADJUSTABLE FEED TROUGH

For Chicks or Grown Fowls



This new Feed Trough made with two adjustable spotwelded wire frames that slide, providing a minimum opening of 1 inch and a maximum opening of 2 inches. Trough is 44 inches long.

No. 44 \$1.75 each

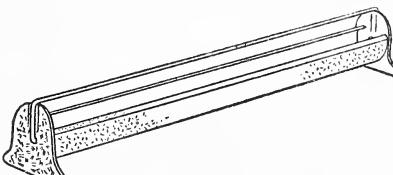
REVOLVING WOOD REEL TROUGHS



Made from 26-gauge galvanized iron in two lengths. Extra wide and made with wide lip on each side to prevent feed waste. Painted wood revolving reel keeps chicks off trough.

No. 200—Length 24 inches. Price, each \$.35
No. 300—Length 36 inches. Price, each50

ADJUSTABLE WIRE BAR TROUGH



Made with and without lip along side in 24 inch length only.

No. 140—With Lip. Each \$.30

Add Extra for Postage.

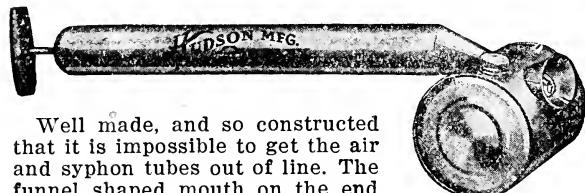
All prices quoted in this catalogue subject to change without notice.

Hudson Misty Sprayer

One of the best selling quart size sprayers made, and one that is a universal favorite. Constructed of the very best tin, and made strong, simple and neat in appearance. The point of pump passes through the tank and is firmly soldered, making it very strong and rigid. Spray tube is carefully aligned before soldering, so that the air and syphon tubes are always in line. Made of good stock, carefully tested and inspected.

Price 50 cents

If sent by Parcel Post see instructions for postage at bottom of this page.



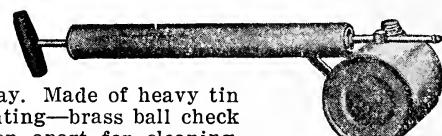
Well made, and so constructed that it is impossible to get the air and syphon tubes out of line. The funnel shaped mouth on the end of the air pump aids in directing the spray, which is a very desirable feature. It is a very serviceable sprayer for any and all work. Constructed of best quality of tin with a tank capacity of one quart.

Price 60 cents

If sent by Parcel Post see instructions for postage at bottom of this page.

Hudson Rainbow Sprayer

Hudson Continuous Sprayer



A handy sprayer that gives a continuous spray. Made of heavy tin with two brass nozzles—one direct and one slanting—brass ball check valve and brass spray tube. Very easily taken apart for cleaning. Capacity one quart with fourteen-inch pump tube. Very valuable for fly oil, insecticides and disinfectants.

Price 75 cents

If sent by Parcel Post see instructions for postage at bottom of this page.



Hudson Midget Sprayer

A small, well made sprayer for general purposes, and especially adapted for use in and about the home. Will handle all kinds of liquids satisfactorily. The pointed nose of the pump passes through the top of the tank, keeping the air nozzle and spray tube always in line, and adds considerably to the strength of the whole sprayer. Made of first-class materials and carefully tested. Capacity about $\frac{1}{4}$ pint.

Price 35 cents

If sent by Parcel Post see instructions for postage at bottom of this page.

Hudson Cadet Duster

The Hudson Cadet Duster is adapted for use with all insect powders. Because of its size and efficiency it is a favorite with the housewife in applying roach, ant, and various bug powders. It is frequently used around restaurants, soda fountains, offices, stores, etc.

Price 50 cents

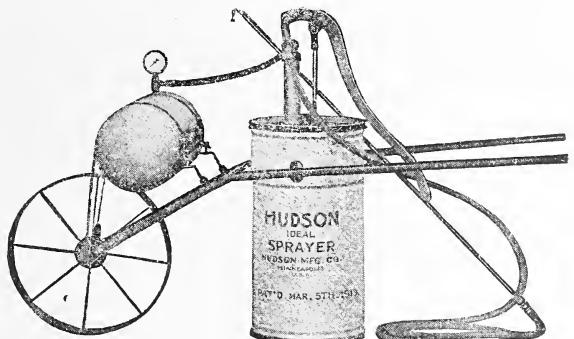
Any sprayer on this page if sent by Parcel Post to any point within 150 miles from Bangor, add 20 cents extra for postage and packing.



All prices quoted in this catalogue subject to change without notice.

IDEAL SPRAY OUTFIT

A high pressure portable outfit equipped with a regular barrel pump which develops and maintains a working pressure of 200 pounds. Has capacity of two lines of hose if desired. It is a strong, durable machine, well designed for strength and stability. Because of its portable construction, it is an exceptionally handy outfit for the orchardist or fruit-grower. It is also a great favorite in the stock barns, cattle pens, poultry houses, etc.



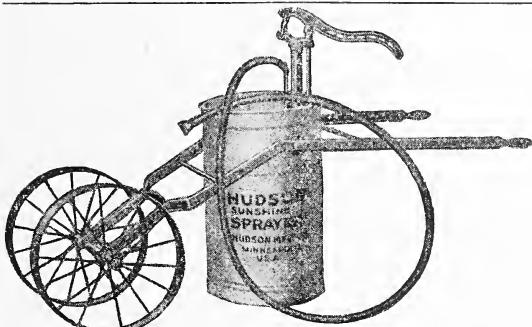
Number 33

Supply Tank made of heavy galvanized iron, capacity 15 gallons.

This outfit has the following equipment: 12½ ft. of ½-inch spray hose, a 4-ft. ¼-inch iron pipe extension, angle Ideal spray nozzle and leakless shut-off.

PRICES

No. 32—Ideal Spray Outfit, complete without pressure tank	\$24.00
No. 33—Ideal Spray Outfit, complete with pressure tank	35.00

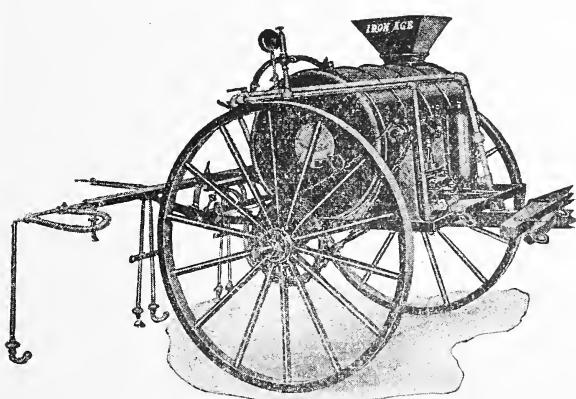


Number 36

it to be used on hillsides or on uneven ground without danger of tipping.

Tank is heavy gauge galvanized steel; capacity 12½ gallons. Discharge equipment consists of 5 feet of ¾-inch 5-ply spray hose, angle spray nozzle and two-foot iron pipe extension.

Price \$16.00



Iron Age High Pressure Traction Sprayers

This is the best traction sprayer that many years of experience has perfected. It has all the strong Iron Age features, the new Triplex pump, the new Iron Age Pressure Retainer and Pump Relief, 100-gallon cylindrical tank that can be filled to full capacity without splashing. The round shape of the tank permits use of large agitator that works close to the bottom, keeping solution equally strong all the time.

Send for full descriptive circular and prices.

“PERFECTION” KNAPSACK SPRAYER

A High Pressure Sprayer

Built on the best lines, of high-grade material and with the idea of turning out a sprayer which has none of the faults and defects so common in many Knapsack sprayers heretofore on the market.

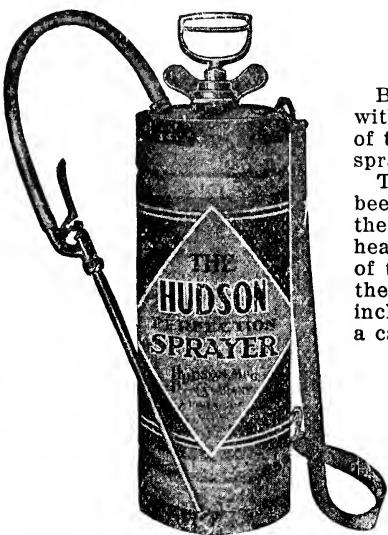
The tanks are made of heavier metal than has ever been used in sprayers of this kind, are lock seamed at the corners to convex heads of metal two gauges heavier than the sides, a single seam runs lengthwise of the tank. This seam is reinforced by rivets, making the tank practically unbreakable. The pump is 1½-inch seamless brass tubing with a brass valve. Has a capacity of four gallons.

PRICES

No. 110G—Galvanized Steel \$ 7.00

No. 110B—All Brass 10.00

This sprayer will handle whitewash, water, paints, Bordeaux mixtures, etc., perfectly.



If sent by Parcel Post to any point to within 150 miles from Bangor, add 25 cents extra for postage.

HUDSON JUNIOR SPRAYER Compressed Air Sprayer

Strong, simple, compressed air sprayer, equipped with a clog proof nozzle. It is of balanced construction and guaranteed against mechanical defect. Only the best of materials are used in the construction of this sprayer. Made with 2½-gallon galvanized tank. A brass air pump is located inside the solution tank protected from injury. The metal in the tank is lock seamed and well riveted inside and out. The pump is locked to the tank by means of a malleable cap, which screws on to the brass tank collar. Very simply operated.

Used for spraying field crops, shrubs, vines, poultry houses, disinfectants and general purposes. Shipping weight 8½ pounds. Equipped complete for spraying with 12-inch brass extension rod, hose and fine no-clog spray nozzle.

No. 140G—Galvanized Tank, with Auto-Pop \$6.00



If sent by Parcel Post to any point to within 150 miles from Bangor, add 25 cents extra for postage.

NO. 201 HILL AND DRILL SEEDER, DOUBLE OR SINGLE WHEEL CULTIVATOR



No. 201

The No. 201 Machine is a combination outfit which may be used as a hill or drill seeder, double or single wheel cultivator, plow or hoe, as conditions require. It has all the equipment to serve the gardener, from the initial seeding until final cultivation. It is readily converted from one use to another, the change from seeder to cultivator being accomplished by removing two red-headed bolts. One standard frame is used throughout.

As a seeder, this machine opens the furrow, drops the seed, closes the furrow, packs the earth, and marks the next row—all in one operation. The seed regulator is made entirely of brass, with openings die cut to insure absolute uniformity. This gives perfect control of the seed flow and insures a uniform drop. Sows all seeds from beans down to the finest garden variety, in continuous drills, or hills, 4, 6, 8, 10, 12 or 24 inches apart. Adjustments in furrow-opening shoe and furrow coverer permit planting at any depth up to 2 inches.

Parts are made of the best material, properly designed and carefully fitted together. Finish is very attractive. This is a field-tested tool which will give real satisfaction.

Standard Package—One in wood box, handles bundled separately. Shipping weight 60 pounds.

No. 201 Seeder and Cultivator. Price each\$16.75

No. 212 Double or Single Wheel Cultivator

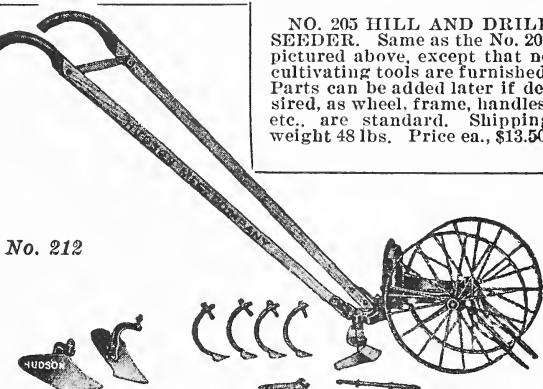
The No. 212 Cultivator may be used as a double wheel hoe, plow, or cultivator astride the row during early cultivation, and as a single wheel cultivator between the rows later. The angle steel arch is high enough to permit straddling until the plants are well grown.

Tool equipment is made of high grade steel, with surfaces polished and lacquered so as to scour in any soil. Cutting edges are sharpened to reduce friction. Mouldboards are curved to turn the earth cleanly. All shanks are malleable and unbreakable. Teeth are designed to thoroughly stir up the soil and give the plant roots plenty of air. Wheels are 16 inches high, with $1\frac{1}{4}$ in. tire. Handles are seasoned hardwood, with the easy plow-handle-grip, and adjustable to height. Reinforced with steel cross brace which will not break or pull out. Standard steel frame and arch are used, so that seeder parts may be added if desired, making the complete No. 201 outfit.

Standard Package—One each in wood box, handles bundled separately. Shipping weight 35 pounds.

No. 212. Double Wheel Cultivator. Price each\$11.65

NO. 205 HILL AND DRILL SEEDER. Same as the No. 201 pictured above, except that no cultivating tools are furnished. Parts can be added later if desired, as wheel, frame, handles, etc., are standard. Shipping weight 48 lbs. Price ea., \$13.50.



No. 212



No. 240

NO. 240 GARDEN PLOW

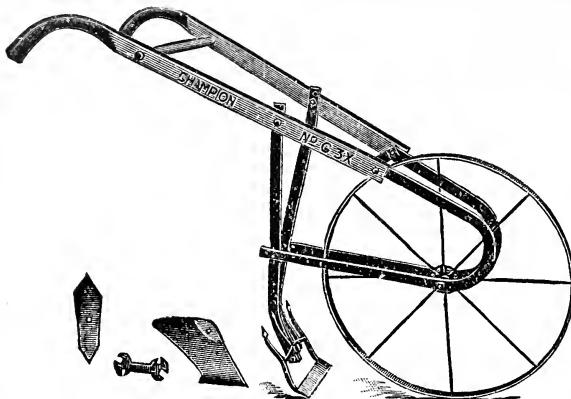
The high wheel plow is a favorite with the truck farmer or gardener who has sufficient work to justify separate machines for seeding and cultivating.

The Plow, double-pointed shovel, and sweep are made of regular plow steel. Surfaces are polished and lacquered and cutting edges sharpened. Rake is cast iron. Frame is steel with adjustments for varying the pitch of the tools. Handles are seasoned hardwood, reinforced at tips with steel straps to prevent splitting, and adjustable in height. Wheel is 24 inches high with $1\frac{1}{4}$ inch tire, insuring easy running.

Standard Package—One in a bundle, K. D. Shipping weight 22 pounds.

No. 240. Garden Plow. Price each\$4.25

All prices quoted in this catalogue subject to change without notice.



No. G-3X High Wheel Cultivator

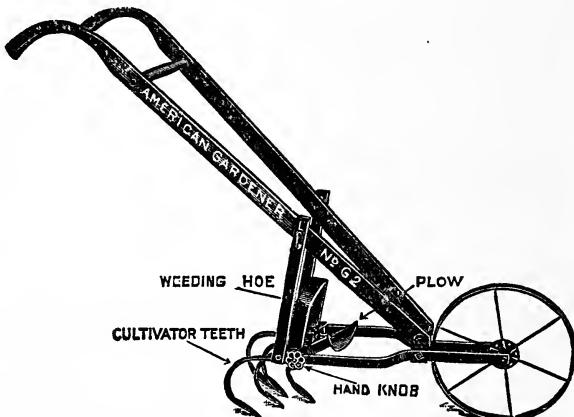
The TRUE TEMPER STAND-ARD No. 20 is the most efficient high-wheel cultivator made. By means of a patented frame, adjustment is made instantly with one wing nut. Attachments are forged from tool steel, hardened and polished. They will scour and work perfectly in any soil. Weight 18 pounds. The Midget Seeder may be easily attached.

Price \$3.75

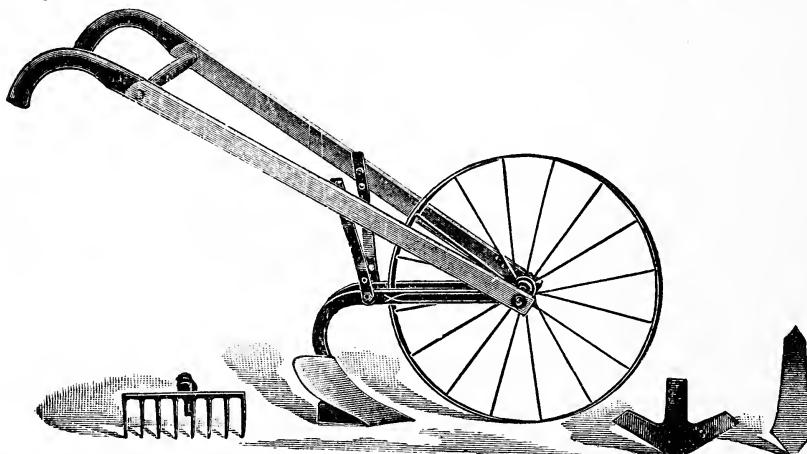
The American Gardener No. G2

The AMERICAN GARDENER, No. G2, is the most talked of and best selling general purpose cultivator on the market. It plows, cultivates or hoes by simply turning the Hand Wheel—three implements in one. Weight 20 pounds. The Midget Seeder may be easily attached in place of Drill Plow.

Price.....\$5.75



CLIMAX WHEEL CULTIVATOR AND PLOW



This cultivator is a great favorite where an inexpensive and efficient tool is required. It has a 24-inch high wheel, is light, easy running, very strong and durable. Furnished with one cultivator tooth, one scuffle hoe, rake and plow.

Price \$3.75

All prices quoted in this catalogue subject to change without notice.

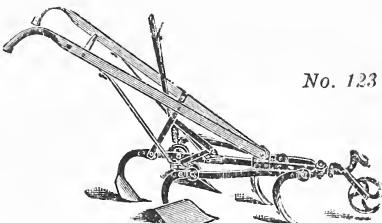
Steel Frame Lever Cultivator

This is the Best Lever Cultivator ever put on the market for the money.

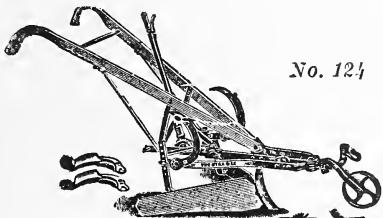
Made with stiff, heavy, steel frame, steel wheel straps, strong, durable and steady running.

No. 121—Expanding lever, five 3-inch Points \$8.00

No. 123—Expanding lever, five 3-inch Points, Wing Points and Shovel Point (see cut) 9.00



No. 123



No. 124

Steel Frame Lever Cultivator With Hiller Attachment

Unsurpassed for all hillling purposes. By reversing the Sweeps and fastening Center Standard to the rear end of the Bar, it is changed into an excellent Coverer.

No. 124—Expanding lever, five 3-inch Points, Hiller Sweeps and Wheel \$10.00



FLORIST TROWEL, Extra Heavy, Price 35 cents.

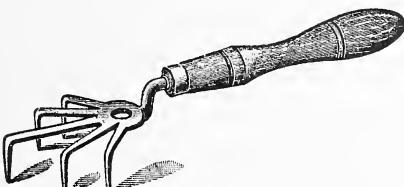
GARDEN TROWELS

No. 02—6-inch Blue Steel Blade, Plain Handle. Price 10 cents

No. 9—6-inch Polished Blue Enamel, Heavy Steel Blade, Polished Handle. Price 25 cents

TRANSPLANTING FORK

Polished Wood Handle, malleable tines.
Price, 20 cents

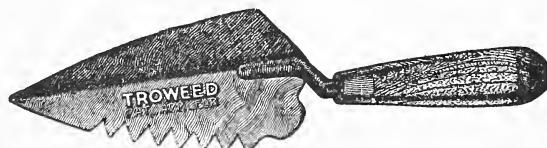
**TROWEED**

A Boon to Gardeners, Florists, Etc.
Combined Garden Tool.

Trowel—Weeder—Transplanter,
all in one. Made extra strong.
Price, 50 cents

Excelsior Hand Weeder

Japanned Wood Handle, malleable tines.
Price, 20 cents

**NOYES' HAND WEEDER**

Steel Blade. Price, 25 cents

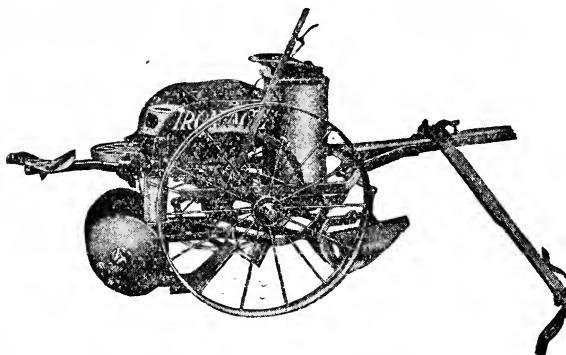
All prices quoted in this catalogue subject to change without notice.

Haseltine Patent Hand Weeder

and Scraper

Price, 50 cents

THE "IRON AGE" (IMPROVED ROBBINS)



POTATO PLANTER

This planter is one of the most thoroughly constructed machines on the market. It is carefully made of the very best materials and consequently is strong, durable and thoroughly practical.

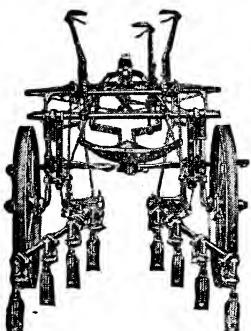
Send for special circular and prices.

"IRON AGE" PIVOT WHEEL RIDING CULTIVATOR

One of the best and strongest riding cultivators ever put on the market. Every farmer, who contemplates cultivating from ten to fifteen acres of crop, should purchase one of these tools.

We have them fitted with both spring hoes and spring teeth.

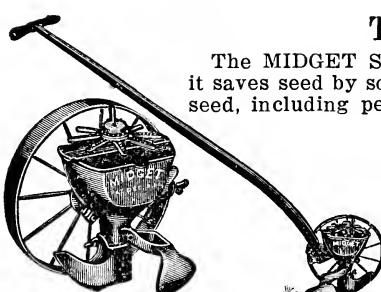
Send for Descriptive Catalogue and Prices.



THE MIDGET SEEDER

The MIDGET SEEDER will pay for itself in a short time, because it saves seed by sowing accurately. It drills almost any kind of garden seed, including peas and beans. The Midget opens the furrow, sows the seed and covers up, all in one operation. Sold with handle or may be easily attached to almost any wheel cultivator. Weight 6 pounds.

Price, \$4.75. If sent by Parcel Post to any point to within 150 miles from Bangor, add 18 cents extra for postage.

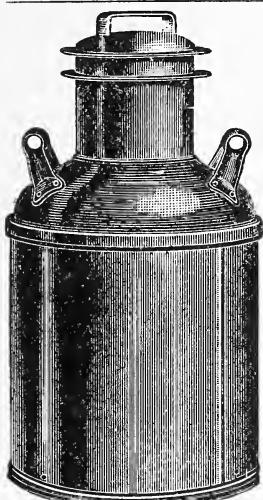
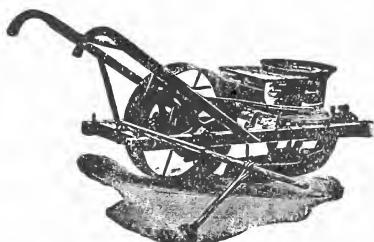


The "King of The Cornfield"**CORN PLANTER AND FERTILIZER
DISTRIBUTOR**

Superior to All for Planting Field, Ensilage, and
Fodder Corn, Broom Corn, Beans, Peas,
Beets and Other Seeds of Like Size

This planter is perfectly adapted to every requirement; durable and simple in construction; not liable to get out of order, in consequence of its having no gears, chains, or other complicated parts to break or wear out. Anyone can at once understand and manage it. An important feature in this planter is that none of the working parts, except the Drive Wheel, are in motion only at the instant the seed and fertilizer is dropped in the hill, then it remains still until the next hill is reached. Corn planted by this machine germinates much quicker and comes up more uniformly than if planted by hand.

Circular and Price List mailed on application.

**MILK OR CREAM CANS**

These cans are made of heavy tinned steel with heavy tinned iron hoops around top and bottom. They have a large neck so that the can may be easily cleaned.

These cans are especially adapted for carrying and shipping milk or cream.

Other styles of shipping cans furnished, if desired.

PRICES

1-gal. Nesco Tin Milk Can, with Bail Handle	\$1.50
2-gal. Nesco Tin Milk Can, with Bail Handle	2.00
3-gal. Nesco Tin Milk Can, with Bail Handle	2.25
5-gal. Nesco Steel Milk Can, with Umbrella Top	4.00
10-gal. Nesco Steel Can, with two Drop Handles	5.50

10-gal. Steel Can

If sent by Parcel Post to any point to within 150 miles from Bangor, add 8 cents extra to price of 1-gal. can; 9 cents to 2-gal. can; 18 cents to 5-gal. can; and 22 cents to 10-gal. can for postage.

RURAL MAIL BOX**New, Up-to-Date, Approved and Standardized.**

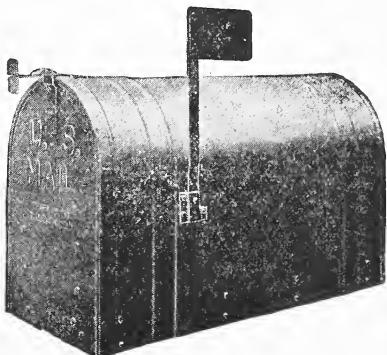
This box is guaranteed to comply with all Post-office regulations and requirements.

Size of box is 23 $\frac{1}{4}$ inches long, 11 inches wide, and 13 inches high, inside measurements.

It has slot in door for letters, for bundles, etc. The door can be very readily opened.

Price \$4.00

Stenciling name on box, 50 cents extra.



If sent by Parcel Post to any point to within 150 miles from Bangor, add 31 cents extra for postage.

All prices quoted in this catalogue subject to change without notice.

KNOX-EM-ALL FLY OIL



The Best Thing on the Market

For ridding Horses and Cattle of flies and all insect pests. And Poultry of lice and mites. Gad Flies will not work on Sheep and they will not have Grub in the head. Inoffensive and harmless to persons and stock. Deadly to flies and lice. One hundred per cent more lasting in effect than any other kind.

Contains no fish oil or other objectionable ingredient. Can be used freely on Cows' Bags without inconvenience to milker or injury to the milk.

Cows give more milk and pay \$8 to \$10 per head more during the season at a cost of about 50 cents per cow. It can be used on horses without gumming or otherwise injuring the hair, and affords instant relief, making them thrive and drive better.

Directions:—For flies, apply freely with a good sprayer. For lice spray the roosts, nest, and all places where vermin find lodgment, including the poultry when on the roosts.

Price, per gallon, \$1.00.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 22 cents per gallon extra for postage.

CREONOID FLY OIL

Creonoid is a Fly Spray and Lice Destroyer

It is useful in keeping flies away from cows, mites away from chickens, and ridding hogs of lice. As a result cows give more milk, chickens lay more eggs, and hogs increase in weight. The use of Creonoid brings the farmer a larger revenue, a better profit. We have sold Creonoid for many years and recommend it, based on our experience with numerous satisfied customers.

Price, per gallon, \$1.25.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 22 cents per gallon extra for postage.



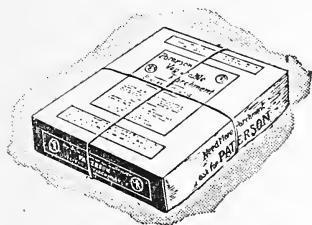
STOCKAID FLY OIL

Stockaid is the scientifically developed combination insecticide and lingering insect repellent. All obnoxious constituents common to products of this nature which cause bad odors and flavors have been removed through special processes. The result is a liquid which forms a protective vapor when sprayed that is harmful only to flies and other insects. Stockaid can be freely used on all domestic animals without harmful or irritating results. Stockaid does not taint milk. Stockaid is the scientific animal spray that was developed through Rex Research work.

Price, per gallon, \$1.75.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 22 cents per gallon extra for postage.

PIONEER BRAND PARCHMENT BUTTER PAPER



Guaranteed to contain no oil, grease, paraffine or wax.

Butter will always bring a higher price if wrapped in parchment butter paper, which completely protects it from all injurious odors, preserves the flavor and prevents the print of butter from becoming soiled or damaged in handling.

Before you wrap the butter, wet the parchment paper thoroughly in clean, pure water; by so doing the print will be better wrapped and better protected.

Price, 25 cents per pound.

If sent by Parcel Post add 8 cents per pound for postage.

We carry Printed Parchment Paper in packages to comply with the law requiring the weight of the butter to be marked on the container.

Sold in packages of 1000 sheets only.

Price—Package 8x9 in., \$2.00; 8x11 in., \$2.15; 9x12 in., \$2.25.

If sent by Parcel Post add extra for postage.

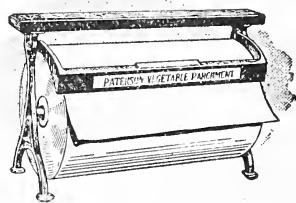
PIONEER BRAND PARCHMENT WRAPPING PAPER

IN ROLLS

Especially recommended for use in markets and grocery stores where a clean, sanitary and odor-proof package is desired.

We carry this in stock in 12-inch, 15-inch and 18-inch rolls.

Write for prices.



SMALL'S CALF FEEDER

For feeding milk to young calves in a natural way before they are old enough to eat and drink otherwise.

Gives Universal Satisfaction

Price \$4.00

Extra Nipples, 60c each

If sent by Parcel Post to any point to within 150 miles from Bangor, add 10 cents extra for postage.

RICE'S CALF WEANER

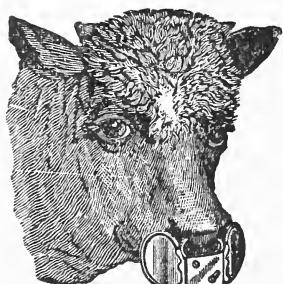
For prevention of calves and cows sucking themselves or each other. It is no hindrance to either eating or drinking, and does the animal no injury.

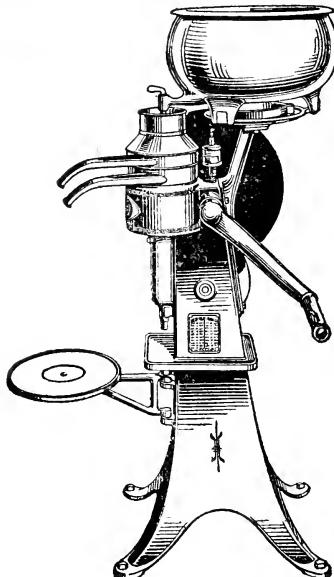
Made in Three Sizes

PRICES

No. 1—For Calves till one year old	\$.60
No. 2—From one to two years old .....	.90
No. 3—For full grown animals	1.25

If sent by Parcel Post to any point to within 150 miles from Bangor, add 7 cents each extra for postage.



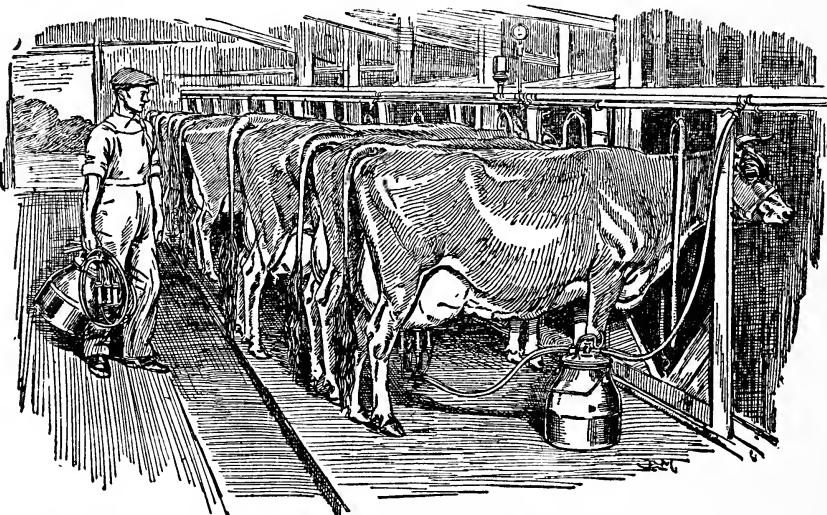


THE DELAVAL SEPARATORS

The simplest, easiest running, most durable cream separator ever put on the market. Saves 10 per cent. to 50 per cent. in skimming. Saves 5 per cent. to 10 per cent. in churning. Saves time and labor. Saves ice and water. Saves \$10 per cow, per year.

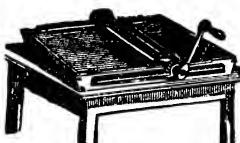
**Send for Descriptive Catalogue
and Prices**

THE DELAVAL MILKER



Send for Descriptive Catalogue and Prices.

REID'S PATENT BUTTER WORKER



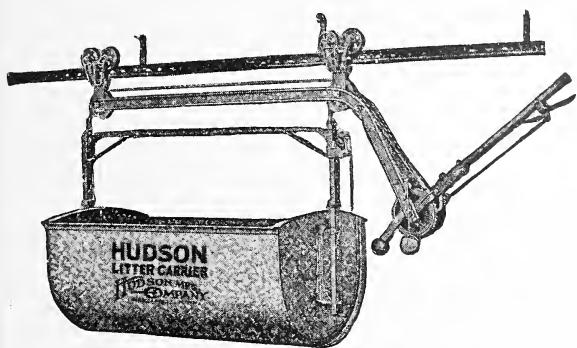
This machine is very efficient in its work, simple in its construction, and convenient to handle. It consists of a tray and a roller with paddles, which is turned by a crank, and traverses from end to end of tray.

The machines are all built of the best material; the iron part is galvanized, preventing rust.

No.	Size	Capacity	Prices
1.....	23x36 in., 2½ in. deep, inside.....	50 lbs.	\$22.00
2.....	20x36 in., 2½ in. deep, inside.....	30 lbs.	19.00
3.....	17x27 in., 2½ in. deep, inside.....	20 lbs.	17.00

All prices quoted in this catalogue subject to change without notice.

Hudson Lever Hoist Litter Carrier



HUDSON CHAIN HOIST LITTER CARRIER

This Hudson Heavy Duty, Back Geared Litter Carrier is designed for large, extra heavy loads. The hoisting chain is of special strength and is tested to several times the load it will have to carry.

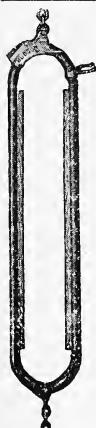
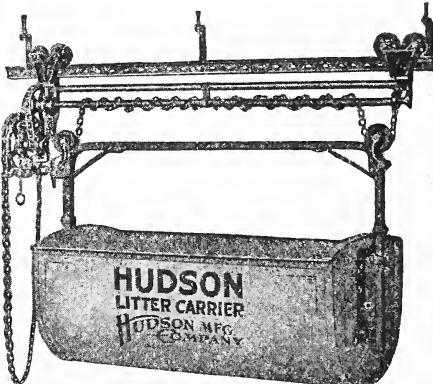
Carrier is equipped with friction brake and special clutch arrangement.

Tub is made of heavy galvanized sheet steel, reinforced around the top and ends with heavy angle iron closely riveted.

This carrier has the special Hudson feature of locking at both ends.

Capacity 9 bushels.

Send for Descriptive Circular and prices.



HUDSON STANCHIONS Wood Lined

This tubular steel stanchion conforms at the top and bottom with the contour of the cow's neck. It is suspended at the top and anchored at the bottom with a welded link chain which permits the cow free movement when lying down or getting up. It also allows her to freely and naturally turn her head to card herself as far back as either flank.

The Hudson Latch is positive. It cannot be opened by the animal.

The Hudson Guide is fork-shaped and engages the stall upright when the stanchion is open, keeping it from swinging out of place.

Price \$3.75

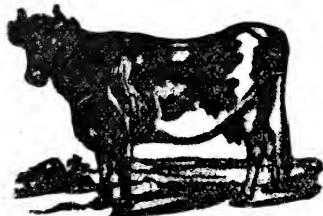
HUDSON WATER BOWLS (Automatic)

Hudson Bowls are of superior construction. The Bowl proper is made of best grade gray iron, the bracket, valve case and the valve tongue of malleable iron, the plunger and attaching clip are of steel. By releasing a small catch, the bowl can be easily detached for cleaning, etc.

Price \$3.35 each



All prices quoted in this catalogue subject to change without notice.



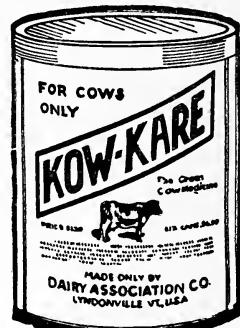
DAIRY COW NEEDS KOW-KARE

The Great Cow Medicine for Cows Only

It cures scours, removes bunches from the bag, prevents cows from losing their calves, gets barren cows with calf, and makes a strong appetite and perfect digestion that produces a larger flow of richer milk. Kow-Kare has stood the test of ten years and is a complete success.

Price: 65c and \$1.25.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 8 cents extra to price of 65-cent size, and 10 cents to price of \$1.25 size for postage.



WELLS, RICHARDSON & CO.'S DANDELION BRAND BUTTER COLOR

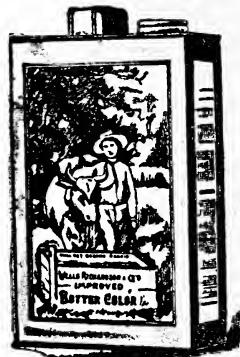
Purely Vegetable

Always gives satisfaction. It is made by the aid of new and improved machinery, specially made for this purpose, thus enabling the manufacturers to use new and improved methods. It will not become rancid. It will not color the buttermilk. It gives a bright June color.

PRICE LIST

Small size, to color about 500 lbs.	\$.35
Medium size, to color about 1,250 lbs.	.65
Large size, to color about 2,800 lbs.	1.00
Cans, 1 gallon each	5.50

If sent by Parcel Post to any point to within 150 miles from Bangor, add 7 cents extra to price of 4-oz. size; 8 cents to 10-oz.; 9 cents to 2½-oz., and 16 cents to 1-gallon size for postage.



“COWS RELIEF” A Penetrating Ointment Stops Dairy Losses



caused by caked bag, spider in teat, hard milkers and sore teats; makes milking easy for man and cow. Dairymen can stop losses from Caked and Gargety Bags, and Sore Teats.

A standard remedy among dairymen.

PRICES

6-ounce size	\$.50
15-ounce size	1.00

If sent by Parcel Post, add 8 cents extra to either size of package for postage.

Grange Garget Cure

A sure cure for garget without injury to the cow.

Price 60 cts.

If sent by Parcel Post, add 8 cents extra for postage.



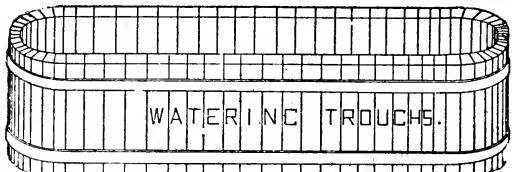
BAG BALM

For sore teats, caked udder and inflammation.

Price 60 cts.

If sent by Parcel Post, add 8 cents extra for postage.

WATERING TROUGH

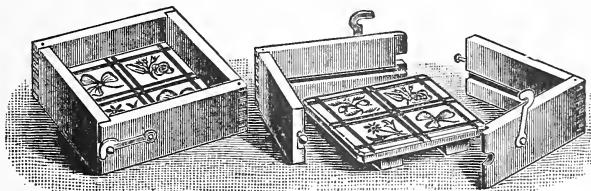


WATERING TROUGH.

These Watering Troughs are made of 2-inch selected White Pine, 24 inches wide, 22 inches high, outside measure. They are perfectly tight and very durable. They are the cheapest and best style of Watering Troughs on the market. Made in any length. Prices on application.

All prices quoted in this catalogue subject to change without notice.

CREAMERY STYLE BUTTER MOLD



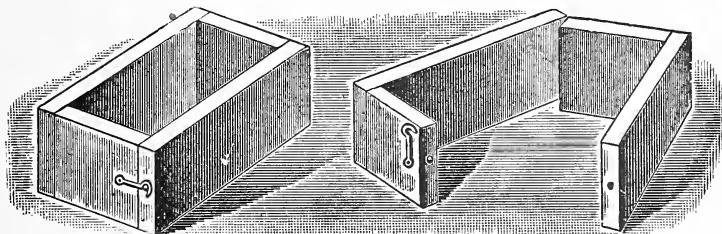
These molds are carefully made of clear white birch and only brass hooks and screws are used throughout, so that there is no possibility of rust and consequent discoloration of the wood. The ornamentation is done by special machinery. Each division on face of mold represents one-quarter pound of butter.

PRICE

½ Pound\$.75 1 Pound\$1.00 2 Pounds\$1.25

If sent by Parcel Post to any point to within 150 miles from Bangor, add 7 cents each extra to either size for postage.

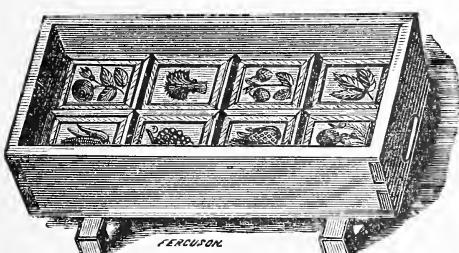
THE "SIMPLEX" BUTTER MOLD



This is a favorite style of Butter Mold, being simple, cheap and substantial, and leaves the butter in one of the most convenient forms for handling. Holds one pound of butter.

Price: Dovetailed Corners, 50 cents.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 7 cents extra for postage.



COMBINATION BUTTER PRINTS

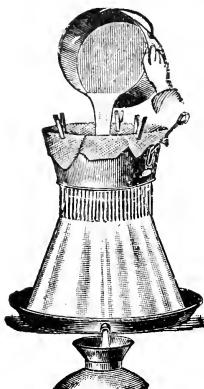
The demand for the Combination Butter Print has largely increased during the past few years, the average dairyman being more particular about the appearance of his butter.

The cut here shown represents No. 6 print in its mold, which holds two pounds and is divided into eight cakes, one-fourth each.

No. of Print	No. of Cakes	Capacity of Molds in lbs.	Capacity of each Cake in ounces	Dimensions of Molds in inches	Dimensions of Each Cake	Price
2	4	2	8	11x3 ¾	3 ¾ x2 ¾	\$ 8.50
3	4	2	8	12x3	3x3	8.50
4	4	1	4	4 ½ x5	2 ¼ x2 ½	8.00
5	4	1	4	10x2 ½	2 ½ x2 ½	8.50
6	8	2	4	10x4 ½	2 ¼ x2 ½	10.50
10	24	1 ½	1	10x4	1 ¼ x1 ½	12.00
12	8	4	8	11x5	2 ¾ x2 ½	10.25

Prints engraved to order with any design, initial or monogram, without extra charge.

All prices quoted in this catalogue subject to change without notice.



CHAMPION MILK COOLER AND AERATOR

This is a perfect Aerator, removing flavors arising from excessive cabbage, turnip, or silo rations.

It is a complete Deodorizer, removing the animal heat or cowy taste and all odors arising from the absorption by the milk of stable or other unpleasant gases.

It is a thorough Cooler, reducing the temperature of the milk in one minute nearly to the temperature of the cooling medium.

It is equally well adapted to the use of any cooling medium, either running water or ice water.

Every farmer or milkman handling milk cannot afford to be without one.

No.	Capacity	Size of Dairy	Takes Care of	Price
2	18 Quarts	10 to 25 Cows	3 Milkers	\$10.00
3	34 Quarts	25 to 50 Cows	5 Milkers	\$12.00

BUTTER LADLES

Price 25 cents

PLAIN BUTTER SPATS

Price 15 cents

CREASED BUTTER SPATS

Price 15 cents

If sent by Parcel Post, add 7 cents extra for postage.

DAIRYMEN'S SEAMLESS SANITARY MILK STRAINER AND FILTER

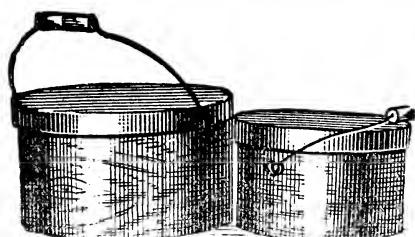
As there are no seams, solder nor welds in this strainer, it offers a perfectly smooth surface to the contents. Consequently there are no hidden recesses for bacteria to gather and contaminate the milk.

The bowl is drawn from high grade steel, heavily tinned. It has a large mesh in the bottom and fine wire screen with spring-wire lock above. If desired to use as filter, insert a filter pad or layer of sterilized cotton and gauze between the two screens.

Made in 5 $\frac{3}{4}$ inch size for 6 $\frac{1}{2}$ inch neck cans. Bowl has capacity of 13 quarts. Diameter at top of bowl is 13 inches. Sufficiently large to hold a pail of milk.

Price \$2.75

If sent by Parcel Post to any point to within 150 miles from Bangor, add 18 cents extra for postage.



BUTTER BOXES

Oak with Wire Bail

Four-Quart Size \$.85
Eight-Quart Size 1.10

If sent by Parcel Post to any point to within 150 miles from Bangor, add 9 cents to either size for postage.

USE HEALTH PAINT in Your Stable, Poultry House, Hog House, Etc.

Write for circular and prices



BELL CHURN

This churn is made in the most thorough manner of kiln-dried oak. It will last for years.

Perfect in construction, and having no parts to get out of order. It fully meets the requirements of large or small dairies.

PRICES

No. 1—Churns from 1 to 4 gallons cream	\$ 7.50
No. 2—Churns from 2 to 7 gallons cream	8.50
No. 3—Churns from 3 to 9 gallons cream	10.25
No. 4—Churns from 4 to 13 gallons cream	11.75
No. 5—Churns from 5 to 16 gallons cream	13.50

CYLINDER CHURN

A FAVORITE STYLE OF CHURN WHICH HAS BEEN
IN USE FOR MANY YEARS

PRICES

No. 1, capacity 2½ gallons	\$ 4.25
No. 2, capacity 4 gallons	5.00
No. 3, capacity 7 gallons	9.00
No. 4, capacity 10½ gallons	6.75



THE LIGHTNING SANITARY CHURN AND MIXER

The first and only device of its kind that meets all the requirements of the exacting and up-to-date housewife.

As a churn it has no equal, both for the small farmer with one cow or the housewife who buys her cream and churns it in order to get fresh, pure butter.

It is sanitary in every respect; all parts are made of metal, excepting the jar, and can be quickly and thoroughly cleaned.

Owing to the shape of the dasher it will churn very quickly.

As a mixer it is indispensable to every household.

For a perfect salad dressing mixer, whipping cream, beating eggs, etc., it cannot be excelled.

With it you can actually make two pounds of butter from one pound of butter and one pound of fresh sweet milk.

Full directions for using with each churn.

PRICES

2-quart size	\$ 2.00
4-quart size	2.50

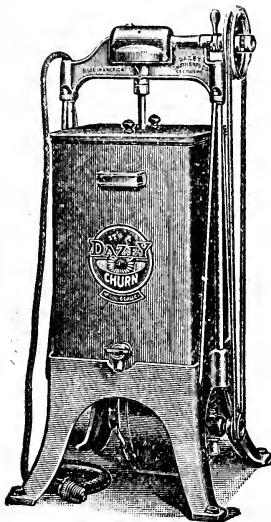
If sent by Parcel Post to any point to within 150 miles from Bangor, add 15 cents to price of 2-qt. and 18 cents to 4-qt. to pay postage.

All prices quoted in this catalogue subject to change without notice.



THE DAZEY ELECTRIC CHURN

Makes Churning a Pleasure with a Dazey Electric



The Dazey Electric Churn marks the greatest step forward in the history of butter making, by turning a tedious task into one of pleasure. In fact, with a Dazey, churning isn't churning any more.

The Dazey Electric adds a charm to churning and brings better results in butter making. The entire process, from the beginning of churning by simply turning a switch, to the cleaning-up, is no longer a task compared with old methods.

For more than 16 years Dazey hand-power churning have made churning so easy and simple that they have become the most widely used churning in the world—over two million being in use on farms and in homes throughout the United States and abroad.

There are no complicated parts in the Dazey—nothing to get out of order. The gears are fully enclosed and protected. The entire churn frame is made of steel and gray iron with a double finish of pure aluminum bronze. The dairy-tin container is finished with blue enamel outside with natural finish covers of hard white maple, and dash of same material. Made to last practically a lifetime.

Dazey Electric Churns are made in 2, 4, 6 and 10 gallon sizes with the following motors as standard equipment: alternating current, single phase, 60 cycle, 110 or 220 volts. Direct current, 32, 110 or 220 volts and other special motors can be furnished. When ordering a Dazey Electric state whether motor should be for (A. C.) alternating current or (D. C.) direct current, also the voltage and cycle.

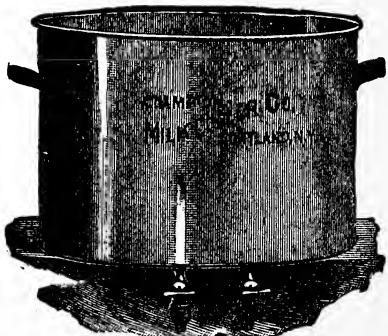
EVERY DAZEY CHURN IS FULLY GUARANTEED.

Write for Prices.

SENSIBLE BOTTLE FILLER

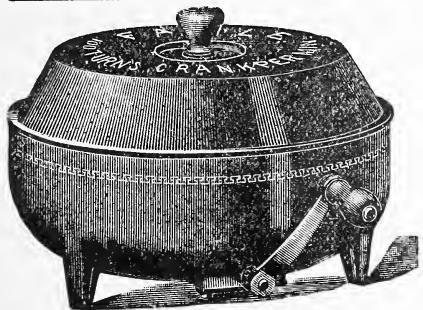
It is SENSIBLE because it is simple, no levers, no springs, just a heavy tin tank made of IXXXX Cookley K Charcoal tin plates, holding 60 quarts, and with two faucets in the bottom. These faucets are operated fully as rapidly as any automatic device. They are straight bore and easily cleaned. The novel feature of this Filler is the filters which are attached to the faucets. These remove any particles which may have remained in the milk, and cause the streams to flow in smooth, even columns.

Built so strong and heavy that it will last a lifetime. You can find no more sensible way to fill your bottles.



Price \$7.00

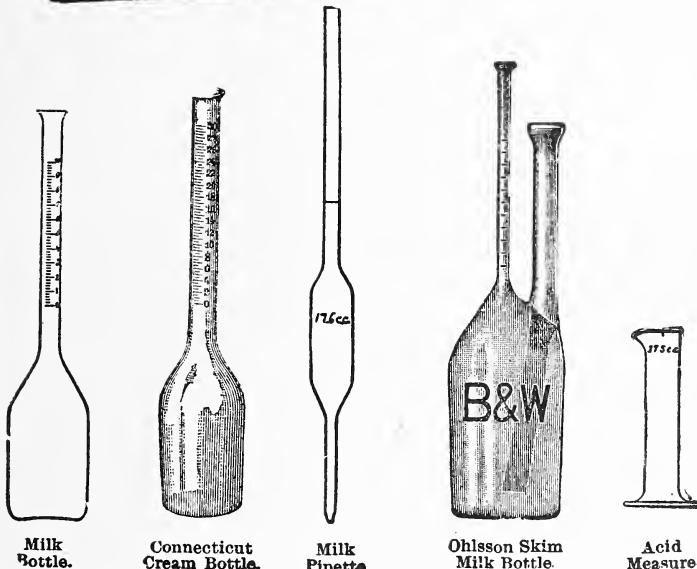
All prices quoted in this catalogue subject to change without notice.



THE "FACILE" Improved Iron Frame, Hand Babcock Tester

Handsome cast iron case and cover, cut spur, and worm gearing, malleable iron bottle carrier, seamless brass swinging pockets for holding test bottles, enclosed gearing, bottles perfectly horizontal when rotating, turns easily and runs smoothly and noiselessly at a very high speed.

Write for Circulars and Prices.



Milk
Bottle.

Connecticut
Cream Bottle.

Milk
Pipette.

Ohlsson Skim
Milk Bottle.

Acid
Measure.

	PRICE LIST
Babcock Milk Test Bottles	Each \$.35
Babcock Cream Bottles (30 per cent)	.35
Babcock Cream Bottles (40 per cent)	.40
Babcock Cream Bottles (50 per cent)	.45
Ohlsson Skim Milk Bottles	.90

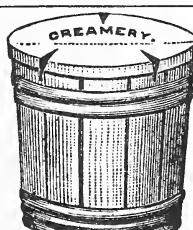
If sent by Parcel Post, add 7 cents each extra to any of the above prices for postage.

The Boston Antiseptic Teat Dilator

For conquering hard milking cows.

PRICE

30 cents each, or	
Per Set of Four	\$.100 postpaid



Butter Tubs

PRICE LIST

10-Pound Tub, 35c
20-Pound Tub, 55c
30-Pound Tub, 75c
50-Pound Tub, 90c

If sent by Parcel Post to any point to within 150 miles from Bangor, add 9 cents each extra to price of 10 lbs.; 10 cents to 20 lbs.; 11 cents to 30 lbs., and 13 cents to 50 lbs. for postage.

“LITTLE GIANT” PRUNING HOOK AND SAW

Good, Cheap, Simple and Durable. The Knife and Saw are both made of the best of steel, and can be used with or without a pole. The tool is light and very strong. The saw can be detached where its use is not required. This pruner will fill a long-felt need, as it combines two useful tools in one.

Price (without pole)\$2.75

If sent by Parcel Post to any point to within 150 miles from Bangor, add 12 cents extra for postage.



DISSTON'S IMPROVED PRUNING SAW AND KNIFE



This saw is designed for attachment to a pole, so the upper branches of trees can be readily pruned without the aid of a ladder, the knife or saw being brought into requisition as may be required.

Price (without pole)\$2.50

If sent by Parcel Post to any point to within 150 miles from Bangor, add 12 cents extra for postage.

DISSTON'S FOREST PRUNING SAW

Polished steel frame, socket handle. This saw is designed for attachment to a pole or the socket can be used for a handle as desired.

Price (without pole)\$2.25

If sent by Parcel Post to any point to within 150 miles from Bangor, add 12 cents extra for postage.



DISSTON'S PRUNING SAW NO. 16



Flat steel back, narrow tapered point, beech handle with varnished edges and two nickel-plated screws. Handle has extra large grip for use with gloved hand. Swivel stretcher.

Price\$2.50

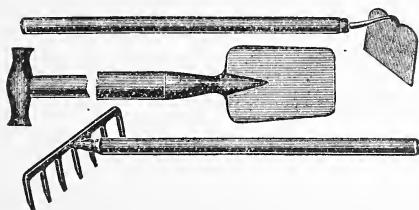
If sent by Parcel Post to any point to within 150 miles from Bangor, add 12 cents extra for postage.

GRAFTING CHISEL

Price50 cents



If sent by Parcel Post to any point to within 150 miles from Bangor, add 8 cents extra for postage.



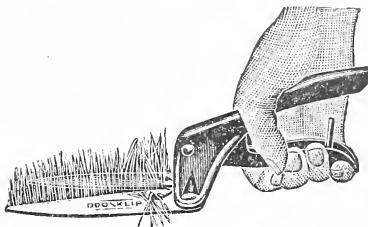
GARDEN SETS

Well made, three pieces, with varnished handles.

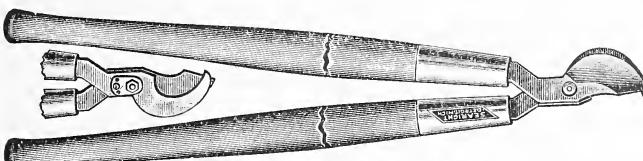
No. F3—Child's Set Price \$.60
No. 7—Large Boys' or Ladies' Set 1.50

DOO-KLIP GRASS SHEARS

Price, \$1.50



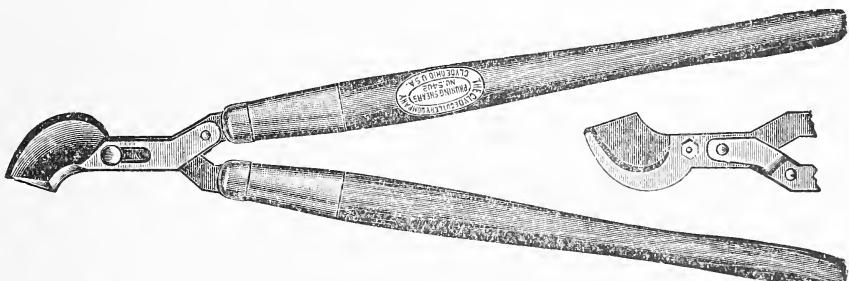
If sent by Parcel Post to any point to within 150 miles from Bangor, add 12 cents each extra for postage.



DETROIT TWO-HAND PRUNER

This pruner is designed on scientific principles and is the result of long study and experimental work, very strong and durable. The blade positively will not cut or dig into the hook. The blade will not push the branch from between it and the hook. By dropping the hook considerably below the center line, we have produced a positive draw cut superior to any other with an opening between blade and hook allowing a straight thrust at the branch. Price, with 24-inch handle, \$2.50.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 12 cents extra for postage.



CLYDE CLIPPER DRAW CUT PRUNING SHEAR

The construction of this Pruning Shear produces a powerful sliding cut movement of the blade. The Blade, Hook and Shank are made from Tool Steel and held together by a bolt with lock nut. The Handles are reinforced by a pressed steel ferrule and cap.

Price, with 24-inch handle, \$3.25. Price, with 30-inch handle, \$3.50.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 12 cents extra for postage.

All prices quoted in this catalogue subject to change without notice.

PRUNING KNIFE



Old Standard Clasp Handles, steel blade and steel lined with heavy steel trimmings.

Price, \$1.00. By Parcel Post, 7 cents each extra.

HEDGE SHEARS

6-inch	\$1.50
9-inch, notched for cutting limbs	2.50
9-inch	2.25
No. 100 Baker, 6-inch	1.50
No. 100T Baker, 9-inch	2.25

If sent by Parcel Post to any point to within 150 miles from Bangor, add 9 cents for the 6-inch and 12 cents for the 9-inch extra for postage.



No. 00

PRUNING SHEARS

No. 00	65 cents
No. 3	75 cents

If sent by Parcel Post to any point to within 150 miles from Bangor, add 7 cents each extra to either size for postage.

STANDARD TREE PRUNER



It does not crush the wood like the thick-bladed shears.

It is the lightest device made for the purpose.

It will cut larger wood than any other device that is practical to handle.

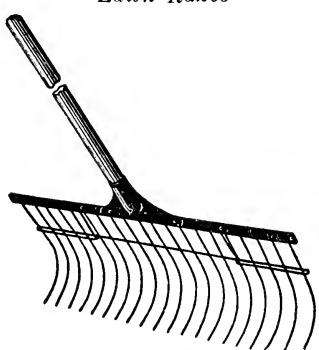
It will clip the slightest twig on the extreme end of the limb.

It will reach higher than any other.

Price—12-ft., \$1.35

HOOVER LAWN RAKE

Latest Development in
Lawn Rakes



Made from flexible steel spring wire, the teeth of the HOOVER RAKE will fit into any irregularities on the surface of the ground, taking all leaves with them, or dirt, or dead grass or refuse, without injury to grass. The head is of heavy enameled steel, and the handle holder is strongly made.

The head of the HOOVER RAKE makes a clean sweep 20 inches wide, with a motion similar to that used in sweeping with a broom. The flexible teeth make it possible to get in under shrubbery and clean out all leaves and refuse without danger to the bushes.

Weight 2 pounds.

Price, \$1.00

If sent by Parcel Post to any point to within 150 miles from Bangor, add 20 cents extra for postage.

NO. 39 P. PRUNING SHEARS



Of large size, measuring nine inches over all, with forged steel blades. Very strong, durable, and easy cutting.

Doo-Klip \$1.50
No. 301 Baker 1.25

If sent by Parcel Post to any point to within 150 miles from Bangor, add 9 cents each extra for postage.

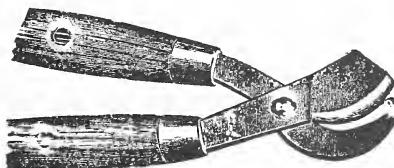
ROCKDALE PRUNER

For cutting large branches; very strong and of finest quality.

PRICES

24-inch Handle \$2.25
41-inch Handle 2.50

If sent by Parcel Post to any point to within 150 miles from Bangor, add 12 cents each extra for postage.

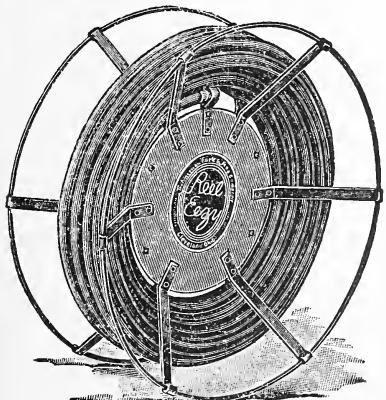


GRASS SHEARS

For trimming the grass along the edges of walks, etc., and in places inaccessible for the Lawn Mower.

Price, 35 cents

If sent by Parcel Post to any point to within 150 miles from Bangor, add 8 cents extra for postage.

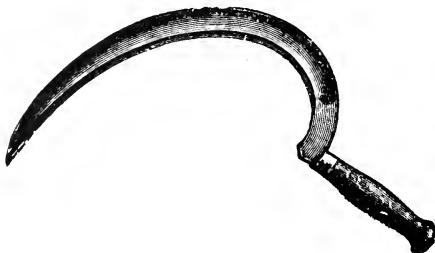


REELEEZY HOSE REEL

Very simple in construction, strong and easy to handle. Send for circular.

Price \$2.00

If sent by Parcel Post to any point within 150 miles from Bangor, add 18 cents extra for postage.



GRASS HOOKS

PRICES

Village Blacksmith, Number 4	\$.50
Village Blacksmith, Number 3 .....	.60
English Concave .....	.75

If sent by Parcel Post to any point within 150 miles from Bangor, add 12 cents extra for postage.

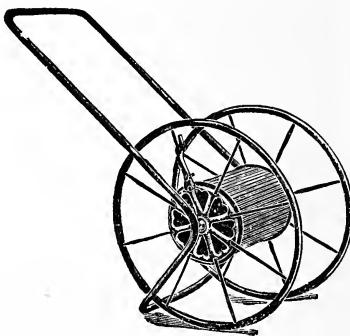
TUBULAR ALL METAL HOSE REEL

For Lawn or Garden. Very simple in construction, easily manipulated, and the most durable reel made. Made in two sizes.

PRICES

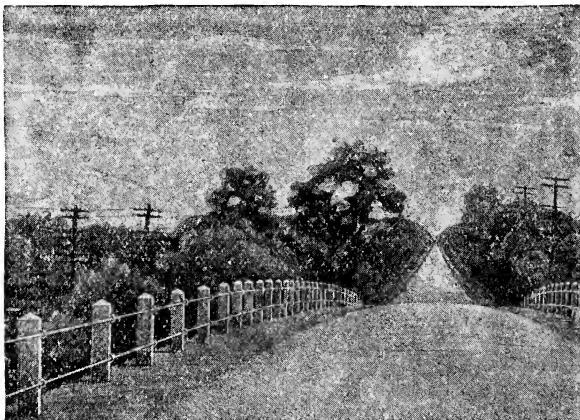
No. 10—Capacity of 3-ply, $\frac{3}{4}$ -in. Rubber Hose, 100 ft.	\$5.00
No. 20—Capacity of 3-ply, $\frac{3}{4}$ -in. Rubber Hose, 150 ft.	5.50

We also have a line of Hose Reels at a cheaper price, if desired. Write for descriptive circulars and prices.



PERFECTED GUARD RAIL STRAND

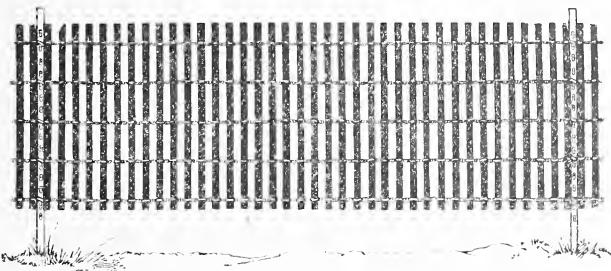
Extra Galvanized



This is the best form of highway protection and is manufactured in accordance with the various state specifications. The PERFECTED process of galvanizing gives each wire a non-peeling and non-cracking flexible zinc covering. This means longer life.

$\frac{3}{4}$ -inch diameter is used in most cases. Cut to required lengths.

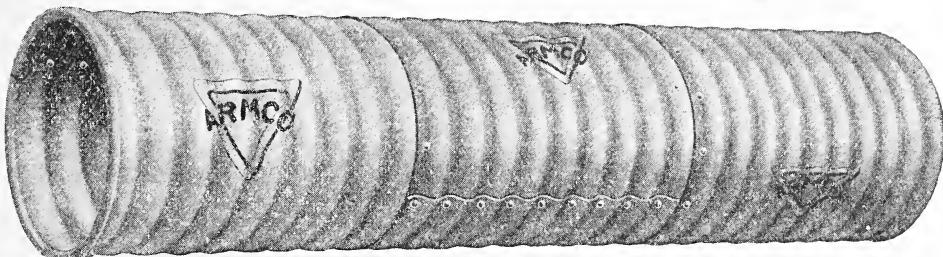
ROAD CAN'T DRIFT SNOW FENCE



The most satisfactory fence ever invented for the prevention of drifting snows and blocking drifts.

Write for Prices.

ARMCO CORRUGATED IRON CULVERTS



**Pure Iron for Durability—Flexibility for Strength
Long Life for Economy**

Since 1906 Armco Ingot Iron has been made to one analysis—the purest iron made. Through 24 years of use each year has added its testimony that pure iron lasts in drainage service. You can depend upon Armco durability because there is only one standard of analysis for Armco Ingot Iron.

Service under all conditions has long shown a remarkable strength for Armco culverts. Exhaustive tests by authoritative engineering societies have shown that this strength lies in their flexibility. Armco culverts, because they are flexible, distribute loads over the full circumference—they get the strength of all the culvert.

Cost per year of service is the only sound basis for comparing culvert economy. Long life gives a low cost per year of service. Buying Armco culverts of service proved durability will give you the greatest return on your dollars spent for drainage.

Write for Prices.

**DOWFLAKE CALCIUM CHLORIDE
A Natural Dust Layer**



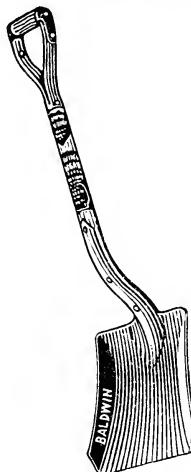
This is a clean white chemical salt with the peculiar property of attaching moisture to itself. It readily dissolves when exposed to the air and quickly combines with the surface to which it is applied. It is odorless, harmless and will not track or stain. The chemical properties of Dowflake Calcium Chloride kill weeds. For laying the dust on roads, driveways, playgrounds, tennis courts, etc., it has no equal.

Put up in 100-lb. moisture-proof bags.
Send for descriptive circular and prices.

BALDWIN'S DOLLAR BRAND SHOVELS Standard of the World



No. 220



No. 213



No. 210

No. 220—Baldwin's Knox All Split "D" Type Spade, No. 2	\$1.25
No. 213—Baldwin's Knox All Brand "D". Plain back pattern, square point	1.25
No. 210—Baldwin's Monongah Featherweight Brand. Long handle, round point.	
Size No. 2	1.50



POTATO SCOOP FORK

Every farmer needs one. It is the best tool on earth for handling Potatoes, Onions, Beets, Turnips, Corn on the Cob, Ensilage, etc. Does not bruise or cut vegetables. It screens out dirt, etc.

Each, \$2.75



MANURE FORKS

Made of the best tempered steel and furnished with selected white ash handles.

Four Tine, D Handle	\$1.50
Four Tine, Long Handle	1.50
Five Tine, D Handle	1.75
Five Tine, Long Handle	1.75
Six Tine, D Handle	2.00
Six Tine, Long Handle	2.00



HAND HOES

Finely tempered steel blades,
white ash handles.
Shank or Socket Hoe.

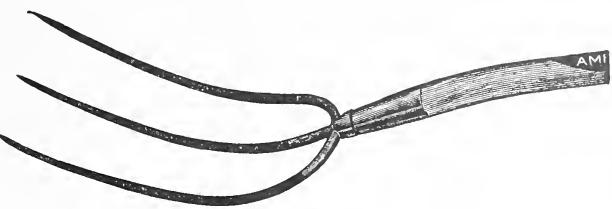
Each, \$1.00

All prices quoted in this catalogue subject to change without notice.

HAY FORK

Three-Tine Bent Handle.
Made of best tempered steel
and furnished with selected
white ash handles.

13-inch	\$1.10
14-inch	1.20
15-inch	1.35

**FOUR-TINE SPADING FORK**

Made with heavy angular tines and heavy Strap Ferrules. D Handles
and Long Handles.

Each, \$1.75

**STONE PICKING FORK**

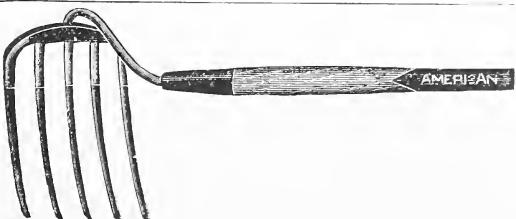
One of the handiest tools on a farm. Small rocks can be
picked up in quarter of the time and no backaches. Long
handle.

Each, \$1.50

**STEEL POTATO HOOKS**

Finely tempered, bent, oval
tines, solid shank, white ash
handles.

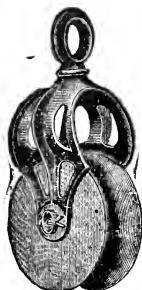
5 Tine, Bent Tine	\$1.25
6 Tine, Bent Tine	1.40

**STEEL POTATO HOOKS**

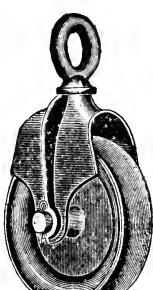
Finely tempered oval steel tines,
solid shank, white ash handles.

5 Tine, goose neck	\$1.25
6 Tine, goose neck	1.40

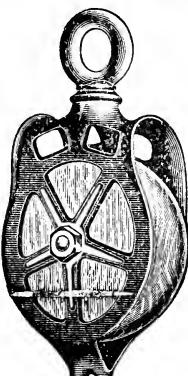
PULLEYS



*Iron Frame
Maple Sheave
Knot Passing
Pulley*
85c



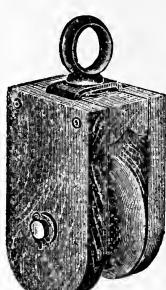
*Iron Frame
Iron Sheave
Pulley*
50c



*Iron Frame
Maple Sheave
Snatch Pulley*
70c



*Iron Frame
Maple Sheave
Pulley*
60c

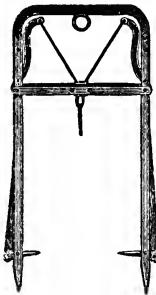


*All Wood
Maple Sheave
Pulley*
60c

HARPOON HORSE PITCHFORKS



*Single Harpoon
Horse Pitchfork
Nellis Pattern*
\$4.50

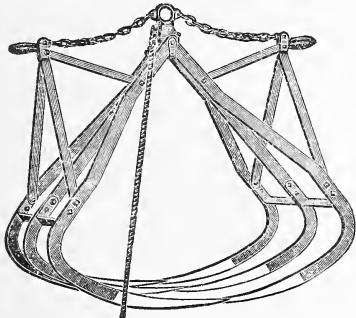


*Double Harpoon
Horse Pitchfork*
\$2.50

We have extra
large Double
Harpoon Forks
for handling
straw or light
hay, if desired.
Write for prices.



*Single Harpoon
Horse Pitchfork
Walker Pattern*
\$3.75



GRAPPLE HORSE PITCHFORK

These forks are made from the best quality of spring steel and highly finished. They never fail to give satisfaction.

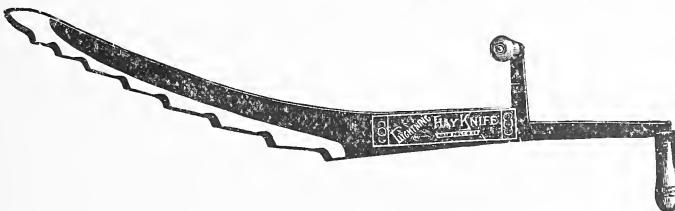
Four-Tine	\$10.00
Six-Tine	12.00



STEEL GRAPPLE

Steel Grapple	\$.80
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THE LIGHTNING PATTERN HAY KNIFE



Solid Steel, \$1.75

STEEL GARDEN RAKES

Made of the best tempered steel and furnished with selected white ash handles.	
Twelve Teeth	\$.90
Fourteen Teeth	1.00
Sixteen Teeth	1.10

IWAN'S PATENT IMPROVED POST HOLE AUGER

The best and easiest earth-boring auger on the market. It is so constructed that it requires but very little pressure in using and will bore in all kinds of ground.

6-inch	\$2.50
8-inch	2.75
9-inch	3.00

HERCULES POST HOLE DIGGER

This is a standard and well known digger. Is made of good material, well finished, durable and substantial.

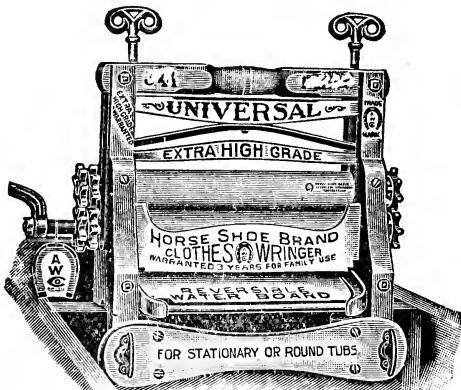
\$2.00

All prices quoted in this catalogue subject to change without notice.

CLOTHES WRINGERS

Wood Frame

No. 100—RIVAL—Family size, 10 inch rolls, \$4.75



No. 380E—UNIVERSAL—Family size, 10-inch rolls, with ball bearings and enclosed gears....\$6.00

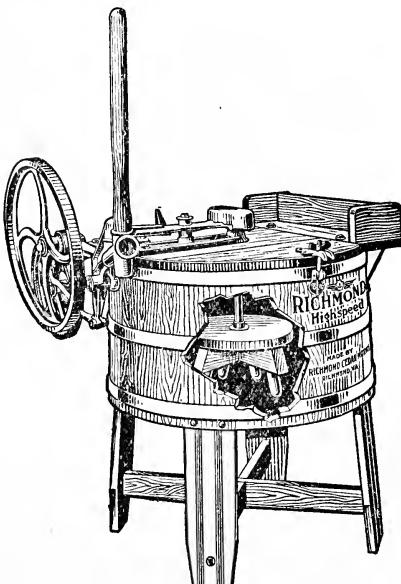
No. 327E—UNIVERSAL—Family size, 10-inch rolls, with ball bearings for Set Tubs 7.00

No. 328E—UNIVERSAL—11-inch rolls, with ball bearings for Set Tubs 7.50

STEEL FRAME WRINGERS

No. 100—DAISY—Family size, 10-inch rolls, \$3.50

If sent by Parcel Post to any point to within 150 miles of Bangor, add 30 cents each to the price of any of the above wood frame wringers, and 25 cents each to the price of any of the above steel frame wringers for postage.

RICHMOND HIGHSPEED
WASHING MACHINE

The mechanical principle of this machine is positive in its action, and all gears are incased in accident-proof covers, reducing danger to a minimum.

It has a well-balanced fly wheel, running on ten roller bearings, and cut gears. Power can be attached by belting to the fly wheel if desired.

The tubs are Virginia white cedar with heavy flat steel hoops.

Very simple, strong and easy running.

Price \$18.00

The Following is a Partial List of Other Items We Carry in Stock

A

Anvils
Apple Parers
Ash Cans
Ash Dumps
Ash Pit Doors
Ash Sifters
Asparagus Knives
Axes—Chopping
Axes—Ice
Axe Grease
Alcohol—Denatured

B

Babcock Testers
Barn Door Fixtures
Barrel Covers
Barrel Headers
Barrel Heads
Barrel Swings
Barrows
Baskets
Batteries
Bee Keepers' Supplies
Bone Cutters
Bone Meal
Boilers—Farm
Bread Boards
Bread Mixers
Brooders
Buckets—Covered
Butter Boxes
Butter Color
Butter Workers
Brooms
Brushes

C

Calcium Chloride
Calf Feeders
Calf Weaners

Calf Meal

Cans
Cant Dogs
Cement
Chain Belting
Chain Hoists
Chemical Closets
Chimney Tile
Chisels
Chopping Bowls
Churns
Cleavers
Clothes Dryers
Clothes Horses
Collar Pads
Corn Poppers
Cream Bottles
Cultivators
Cow Bells
Cream Separators

D

Dampers
Dairy Thermometers
Detso
Delivery Crates
Drag Heads and Drags
Dynamite
Diggers—Potato
Dry Measures
Drinking Founts

E

Eaves Trough
Egg Beaters
Electric Appliances
Engines
Extinguishers—Fire
Expansion Joint

F

Fanning Mills
Farmers' Boilers
Feed Bags
Feed Cookers
Fence
Fence Posts
Ferneries
Fertilizer
Files
Fire Brick
Fire Clay
Fireplace Throats
Flat Irons
Fire Extinguishers
Flour Sieves
Flower Bed Guard
Flower Pots
Flue Lining
Fly Killer
Food Choppers
Freezers
Fruit Jars

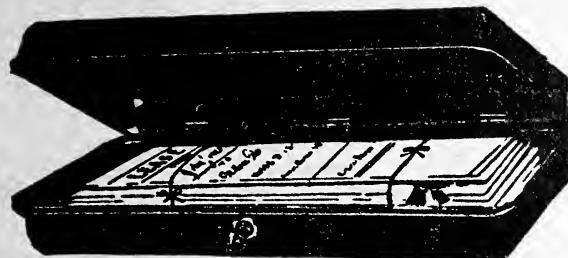
G

Garbage Cans
Garden Barrows
Garden Hose
Garden Rakes
Grass Catchers
Grass Hooks
Grass Shears
Grinders
Grindstones and Fixtures

H

Hammers
Hammocks
Hammock Chairs
Hampers
Haying Tools
Heatilators

I	Oil Cans Oil Stoves Oyster Pails Oyster Shells	Sewer Pipe Sprayers Shovels Sinks Skis and Sleds Stoneware Stove Lining
Ice Boxes		
Ice Chisels		
Ice Cream Disher		
Ice Tools		
Incubators		
Implement Handles	P	
Ironing Tables	Padlocks	
Insulating Board	Pails—Galvanized and Tin	T
K	Pails—Wood	Tables—Ironing
Kegs	Paper—Wrapping	Tanks—Wood and Galv.
Knife Grinders	Paint	Tea Kettles
Knives	Pick Axes	Thermometers
L	Poultry Supplies	Tie Chains
Ladders	Potato Diggers	Traps—Game
Ladder Hooks	Post Hole Diggers	Traps—Mouse and Rat
Land Tile	Pop Corn	Trowels
Lamp Chimneys	Plows	Trucks—Warehouse
Lanterns	Pruners	Turf Edgers
Lime	Pumps	Twine
Litter Carriers	R	V
M	Rakes—Horse and Hand	Varnishes
Mats—Door	Radios	Vinegar Pumps
Measures	Refrigerators	Vitriol
Meat Scrap	Roofing	Vises
Milk Bottles	Rollers—Land and Lawn	W
Milk Bottle Brushes	Rubbish Burners	Wallboard
Milk Bottle Caps	S	Washboilers
Milk Bottle Carriers	Saw Blades	Washboards
Milk Cans	Sawing Machines	Wash Benches
Milk Pails	Scales	Washing Machines
Mops	Scrapers	Wash Tubs
Mop Sticks	Scoops—Candy	Water Bottles
Mop Wringers	Scythes	Watering Devices
Mowing Machines	Seed Sowers	Water Coolers
O	Separators—Cream	Watering Troughs
Oat Sprouters	Shingles—Asphalt	Weather Vanes
Oil	Shovels	Weeders
	Sidewalk Cleaners	Window Boxes
	Septic Tanks	Wringers
		Wrenches



Heavy Bessemer Steel Document Box

Finished in black baked enamel, with two keys.

This is a very valuable box for private papers, such as notes, insurance policies, etc.

Size 11 1-2 inches by 5 1-2 inches by 2 1-4 inches. Price 75 cents.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 6c each extra for postage.

NOTICE---GIVEN FREE TO OUR CUSTOMERS

This valuable and convenient box we give away with cash orders or cash purchases amounting to \$7.50 or over. If desired include in your order. In sending in your order please specify if you wish for one of these boxes included in your order.

ALL PLANT LIFE MUST BE FED

Plants, like human beings, must receive the right nourishment. VIGORO is specially prepared to supply lawns, gardens, flowers, shrubbery and trees with all of the plantfood elements needed for a rapid, sturdy and luxuriant growth.

VIGORO is clean, odorless and easy to apply. It can be sown by hand like grass seed.

Start right this year by using hardy, disease-free seeds and VIGORO. Your success in gardening will be assured.

FOR LAWNS
GARDENS, FLOWERS
SHRUBBERY, TREES



100-lb. bag	\$6.00
50-lb. bag	3.75
25-lb. bag	2.00
5-lb. bag .....	.60

Pipe and Pipe Fittings
Sewer Pipe, Fire Clay, Fire Brick
Fire Clay Flue Lining
Elastic Pulp Plaster
Plastering Hair
Roofing



ELECTRICAL SUPPLIES and RADIOS

Plumbing — Steam Fitting — Heating Supplies

**Agents for ATLAS PORTLAND CEMENT
and KEYSTONE VARNISH CO. PAINTS**

ROCKLAND LIME — CALCINE PLASTER

High Temperature and Asbestos Cement